

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113139.D
 Acq On : 19 Mar 2019 21:37
 Operator : JU/SJ
 Sample : K1971-01 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(9-10)-031519

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	549	552	561	rBV	101382	106798	11.23%	0.896%
2	5.734	616	620	625	rBV3	15759	22752	2.39%	0.191%
3	5.928	649	653	659	rBV4	13951	21343	2.24%	0.179%
4	6.257	705	709	712	rBV3	13917	20275	2.13%	0.170%
5	6.363	718	727	732	rBV	112413	142098	14.94%	1.192%
6	6.492	743	749	753	rBV	152363	147130	15.47%	1.234%
7	6.663	771	778	782	rBV5	13204	27599	2.90%	0.231%
8	6.722	784	788	792	rVV	840240	715340	75.20%	5.999%
9	6.792	796	800	803	rVB3	19908	23578	2.48%	0.198%
10	6.851	807	810	812	rVV	29719	26579	2.79%	0.223%
11	6.875	812	814	819	rVV	123251	123512	12.98%	1.036%
12	6.963	823	829	831	rBV6	14546	25880	2.72%	0.217%
13	7.122	853	856	858	rBV	26748	21725	2.28%	0.182%
14	7.281	879	883	886	rBV2	56448	58889	6.19%	0.494%
15	7.363	894	897	903	rVB8	20580	42441	4.46%	0.356%
16	7.533	924	926	930	rVB3	47541	41793	4.39%	0.350%
17	7.622	936	941	944	rBV3	30938	37615	3.95%	0.315%
18	7.651	944	946	950	rVB2	24404	32609	3.43%	0.273%
19	7.716	955	957	962	rVB3	15910	20420	2.15%	0.171%
20	7.775	962	967	969	rBV4	18956	27257	2.87%	0.229%
21	7.833	974	977	981	rBV2	23022	29695	3.12%	0.249%
22	8.004	1001	1006	1011	rBV	1063470	922134	96.93%	7.733%
23	8.081	1017	1019	1021	rVB	98305	69351	7.29%	0.582%
24	8.175	1031	1035	1039	rBV3	24070	40590	4.27%	0.340%
25	8.245	1045	1047	1050	rVB3	25002	22563	2.37%	0.189%
26	8.286	1050	1054	1056	rBV2	28867	36257	3.81%	0.304%
27	8.304	1056	1057	1060	rVV2	32989	27762	2.92%	0.233%
28	8.333	1060	1062	1065	rVV3	26304	29381	3.09%	0.246%
29	8.363	1065	1067	1070	rVV4	24008	23538	2.47%	0.197%
30	8.404	1070	1074	1076	rVV3	25591	29789	3.13%	0.250%
31	8.439	1076	1080	1085	rVV	171313	190922	20.07%	1.601%
32	8.475	1085	1086	1089	rVB2	34740	22915	2.41%	0.192%
33	8.604	1105	1108	1110	rBV2	36920	38319	4.03%	0.321%
34	8.651	1113	1116	1117	rBV2	18128	20241	2.13%	0.170%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.704	1122	1125	1128	rVB2	69501	80495	8.46%	0.675%
36	8.745	1128	1132	1135	rBV6	17830	36066	3.79%	0.302%
37	8.804	1139	1142	1143	rVV3	19659	20159	2.12%	0.169%
38	8.822	1143	1145	1150	rVB3	31764	29557	3.11%	0.248%
39	8.869	1150	1153	1154	rBV3	30811	22326	2.35%	0.187%
40	8.892	1154	1157	1159	rVV	25905	28372	2.98%	0.238%
41	8.922	1159	1162	1166	rVV	62524	57131	6.01%	0.479%
42	9.039	1179	1182	1184	rVV	136822	115242	12.11%	0.966%
43	9.080	1186	1189	1194	rVB	146651	143636	15.10%	1.204%
44	9.186	1201	1207	1209	rBV2	40886	53181	5.59%	0.446%
45	9.286	1222	1224	1227	rVB2	25801	23564	2.48%	0.198%
46	9.333	1227	1232	1234	rBV4	24559	35443	3.73%	0.297%
47	9.363	1234	1237	1239	rVV	33332	31918	3.36%	0.268%
48	9.427	1239	1248	1250	rVV8	25629	62529	6.57%	0.524%
49	9.492	1254	1259	1261	rVV	214433	200571	21.08%	1.682%
50	9.522	1261	1264	1266	rVB4	29945	32502	3.42%	0.273%
51	9.669	1286	1289	1292	rVB5	24989	24636	2.59%	0.207%
52	9.757	1298	1304	1310	rBV	996023	951312	100.00%	7.977%
53	9.922	1329	1332	1336	rBV4	24277	34605	3.64%	0.290%
54	9.957	1336	1338	1341	rVV2	21292	19875	2.09%	0.167%
55	10.022	1346	1349	1354	rVB	56434	51381	5.40%	0.431%
56	10.139	1367	1369	1373	rVB	20566	22211	2.33%	0.186%
57	10.186	1373	1377	1381	rBV5	18936	32076	3.37%	0.269%
58	10.251	1386	1388	1393	rVB4	23433	25373	2.67%	0.213%
59	10.316	1397	1399	1403	rVB3	22378	25881	2.72%	0.217%
60	10.357	1403	1406	1409	rVB3	18320	19977	2.10%	0.168%
61	10.416	1412	1416	1419	rBV	104571	100842	10.60%	0.846%
62	10.539	1433	1437	1441	rBV2	62460	72891	7.66%	0.611%
63	10.680	1456	1461	1469	rBV	142661	170546	17.93%	1.430%
64	10.810	1480	1483	1489	rBV6	11890	19953	2.10%	0.167%
65	11.021	1512	1519	1521	rBV7	26667	51095	5.37%	0.428%
66	11.116	1532	1535	1537	rBV3	25171	27022	2.84%	0.227%
67	11.145	1537	1540	1543	rVB	95772	91100	9.58%	0.764%
68	11.192	1546	1548	1551	rBV3	22705	21604	2.27%	0.181%
69	11.233	1551	1555	1564	rBV	870413	798188	83.90%	6.693%
70	11.457	1591	1593	1596	rBV3	16213	20085	2.11%	0.168%
71	11.498	1596	1600	1603	rVV3	63422	73939	7.77%	0.620%

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72	11.539	1604	1607	1609	rVB2	39088	34514	3.63%	0.289%
73	11.627	1620	1622	1626	rVB2	49377	49159	5.17%	0.412%
74	11.821	1653	1655	1659	rBV4	39781	51506	5.41%	0.432%
75	11.863	1660	1662	1664	rVB	37473	25682	2.70%	0.215%
76	11.927	1670	1673	1674	rBV2	34511	41867	4.40%	0.351%
77	11.945	1674	1676	1679	rVB	58514	43676	4.59%	0.366%
78	11.980	1679	1682	1684	rBV4	47265	57384	6.03%	0.481%
79	12.016	1685	1688	1691	rVB3	117765	126957	13.35%	1.065%
80	12.092	1699	1701	1709	rVB4	71061	69450	7.30%	0.582%
81	12.180	1713	1716	1719	rVB	128398	118146	12.42%	0.991%
82	12.227	1722	1724	1727	rVB	48011	44787	4.71%	0.376%
83	12.333	1740	1742	1746	rVB	72198	51641	5.43%	0.433%
84	12.439	1758	1760	1763	rBV2	51540	54744	5.75%	0.459%
85	12.704	1802	1805	1807	rBV	134190	108039	11.36%	0.906%
86	12.815	1821	1824	1830	rBV2	156156	219950	23.12%	1.844%
87	13.057	1863	1865	1869	rBV	142611	136727	14.37%	1.147%
88	13.104	1869	1873	1878	rVV3	92236	157998	16.61%	1.325%
89	13.257	1897	1899	1903	rBV2	121387	148930	15.66%	1.249%
90	13.345	1912	1914	1916	rBV2	111906	109694	11.53%	0.920%
91	13.398	1921	1923	1926	rVB2	247573	242553	25.50%	2.034%
92	13.604	1956	1958	1961	rBV3	130077	155193	16.31%	1.301%
93	13.727	1977	1979	1984	rVB	359958	327771	34.45%	2.749%
94	13.862	1999	2002	2006	rBV	810808	801723	84.28%	6.723%
95	14.045	2030	2033	2036	rVB	298494	285351	30.00%	2.393%
96	14.345	2081	2084	2089	rBV	361342	406466	42.73%	3.408%
97	14.639	2132	2134	2137	rVB	320010	313286	32.93%	2.627%
98	14.957	2186	2188	2193	rVB	294217	315082	33.12%	2.642%
99	15.274	2239	2242	2246	rBV	449049	529532	55.66%	4.440%
100	17.245	2575	2577	2578	rBV2	89480	80945	8.51%	0.679%

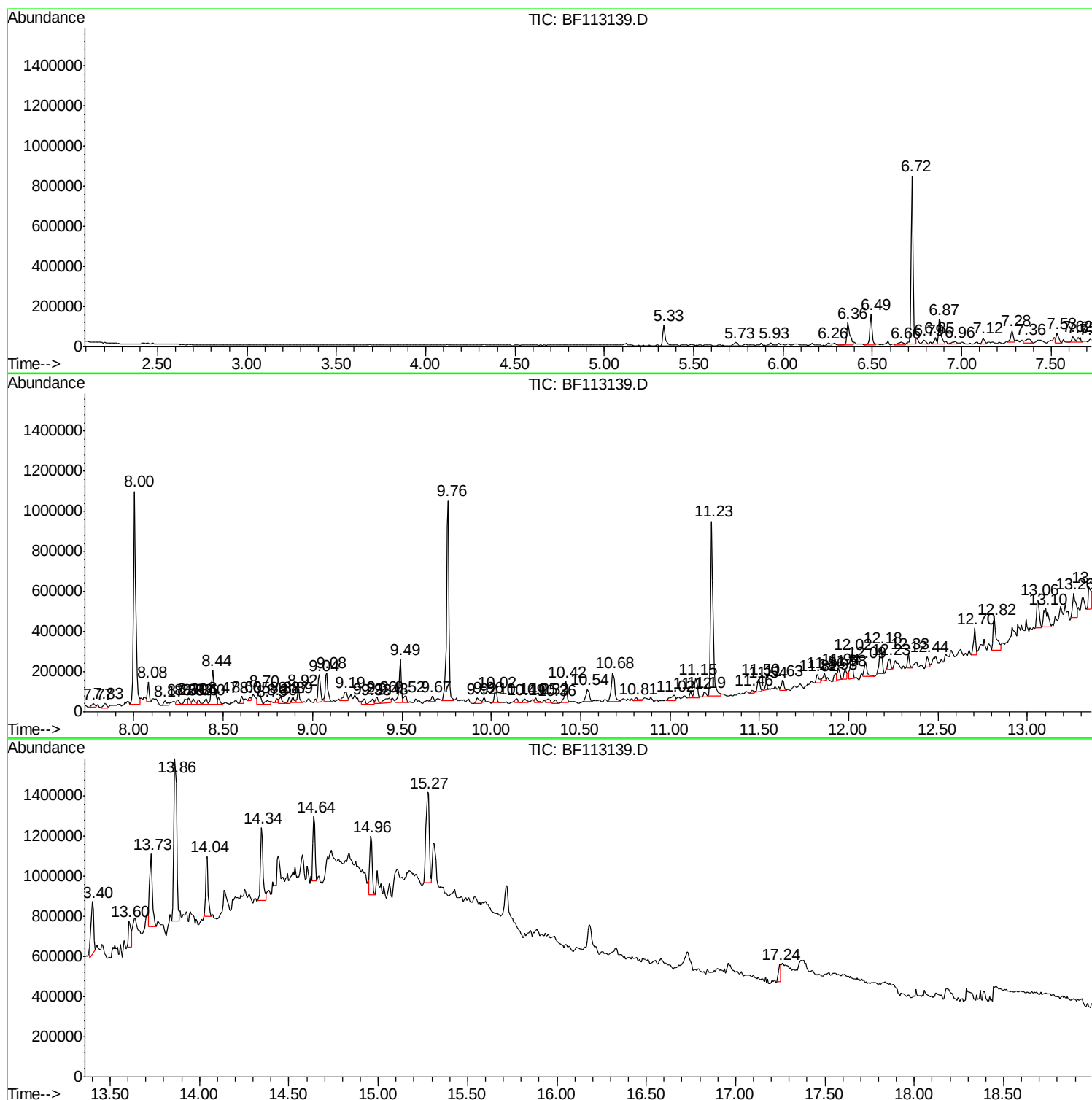
Sum of corrected areas: 11925127

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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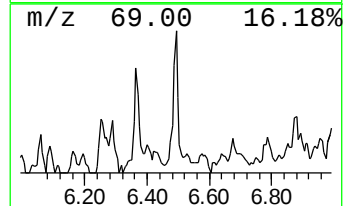
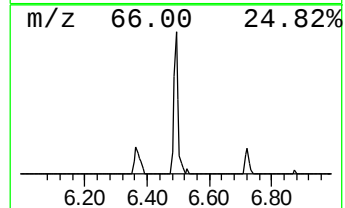
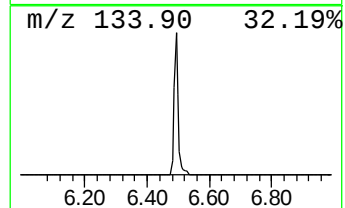
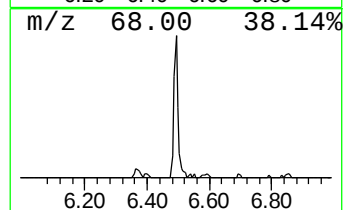
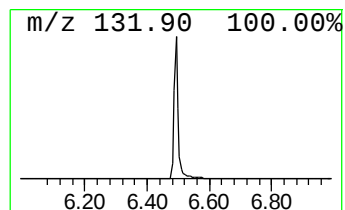
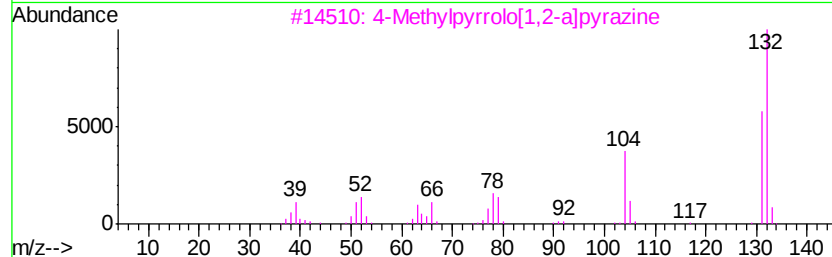
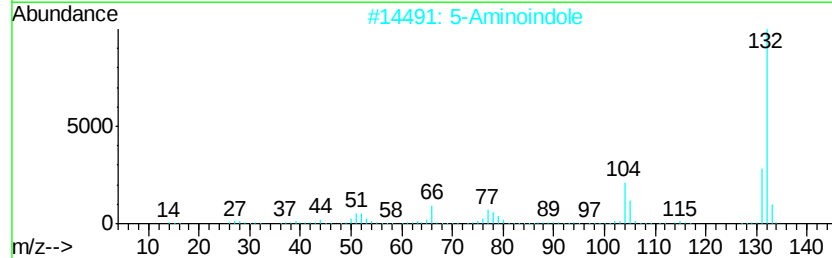
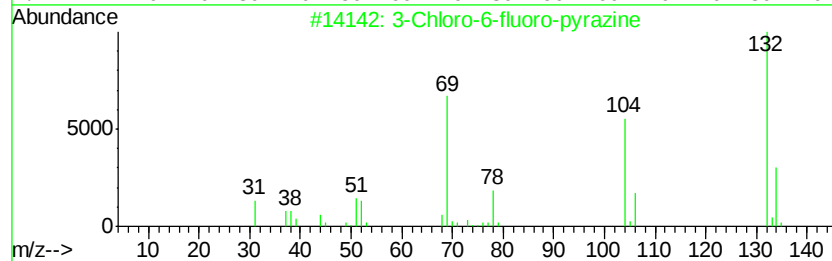
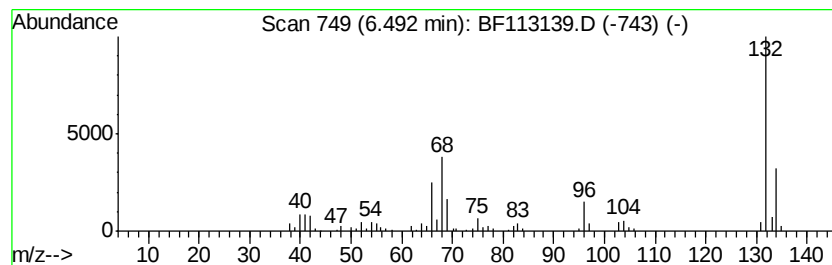
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	4.11 ng	147130	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	10
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			Xenon	132	Xe	007440-63-3	9



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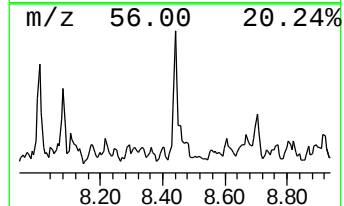
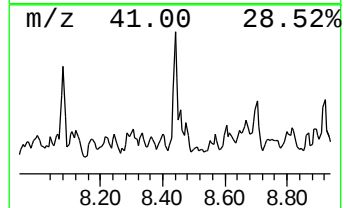
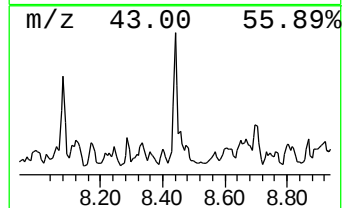
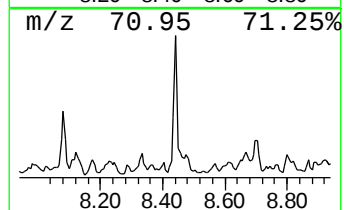
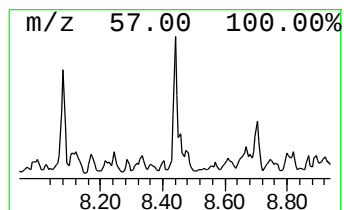
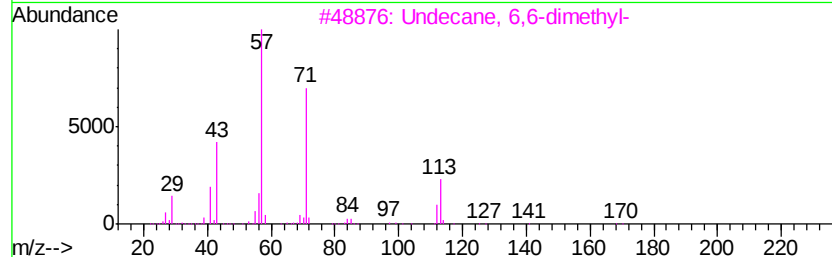
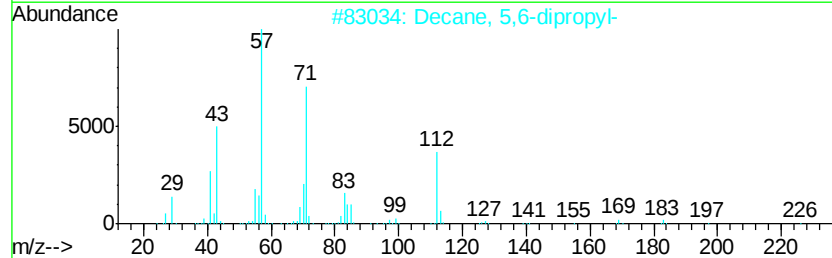
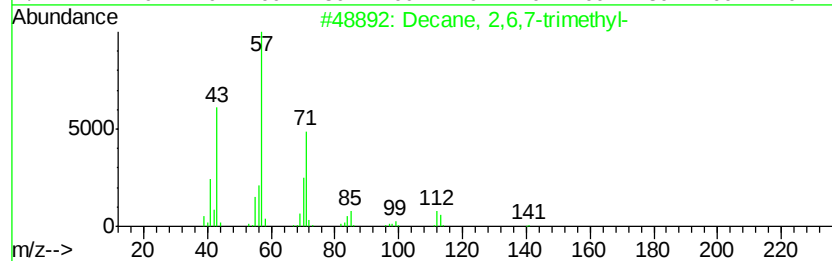
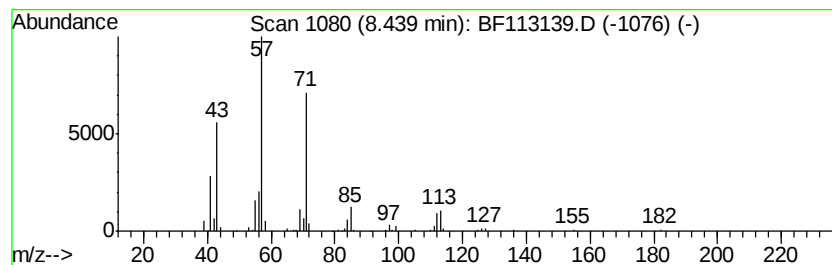
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Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	4.14 ng	190922	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



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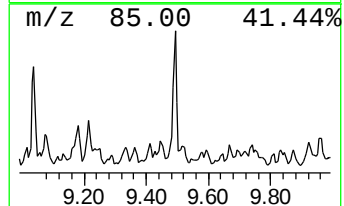
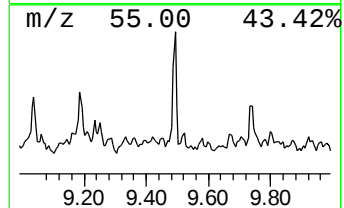
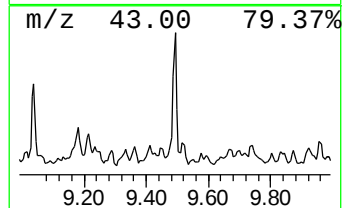
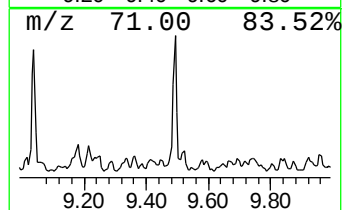
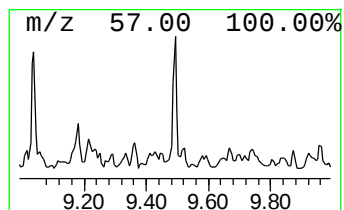
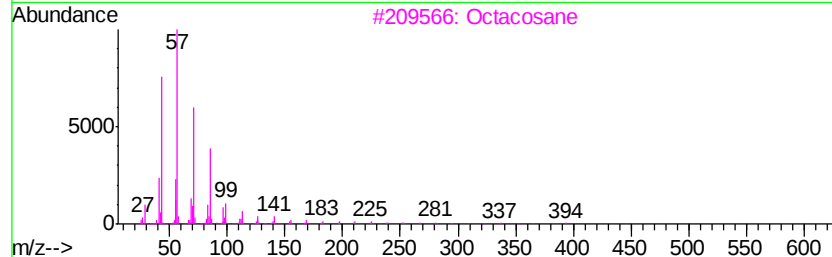
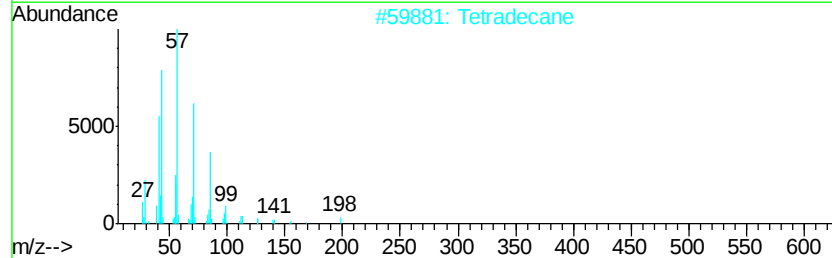
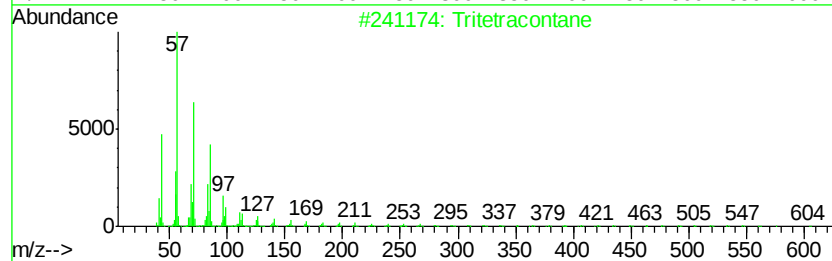
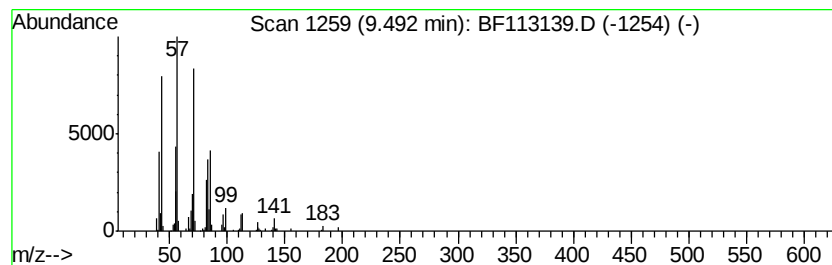
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.22 ng	200571	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	78
2		Tetradecane	198	C14H30	000629-59-4	72
3		Octacosane	394	C28H58	000630-02-4	64
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Eicosane	282	C20H42	000112-95-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

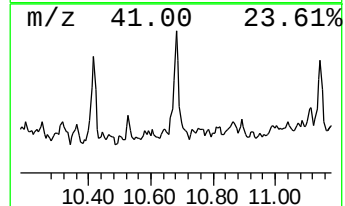
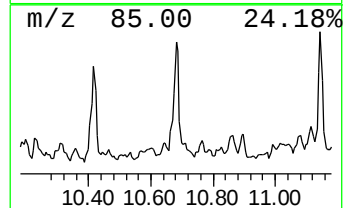
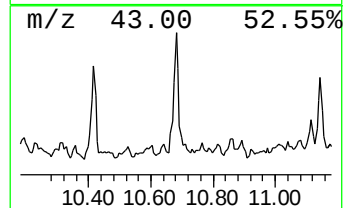
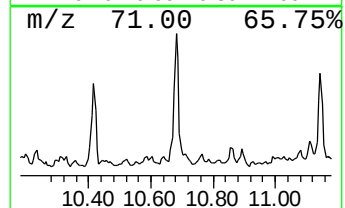
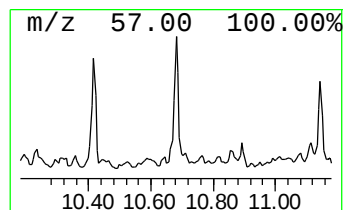
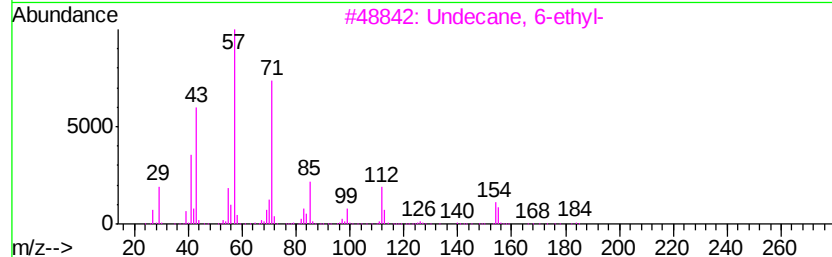
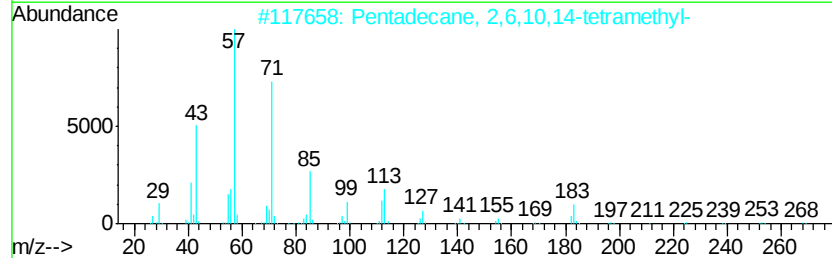
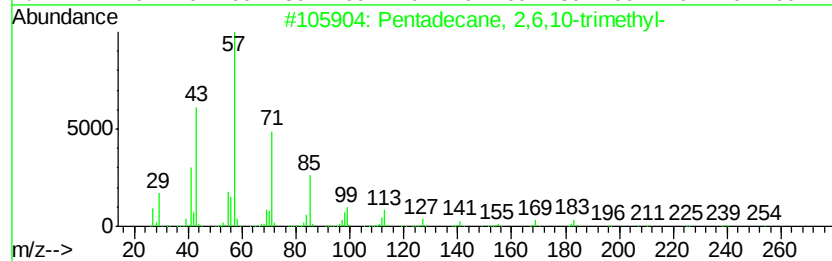
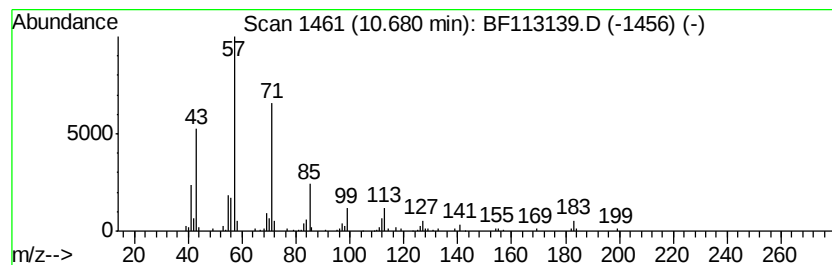
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ClientSampleId :
SB-8(9-10)-031519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.68	4.27 ng	170546	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1971-01 20X
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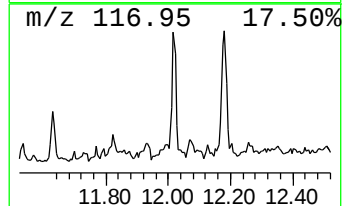
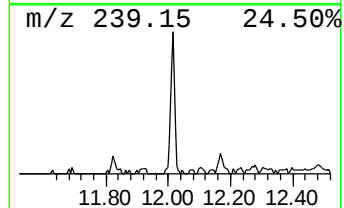
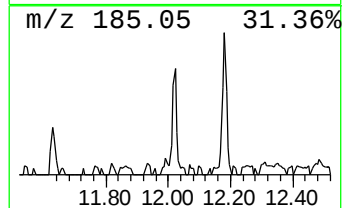
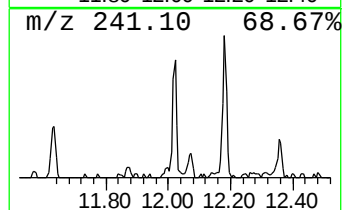
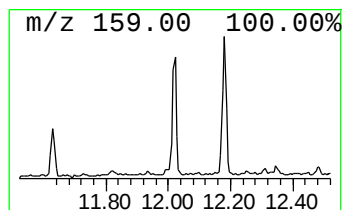
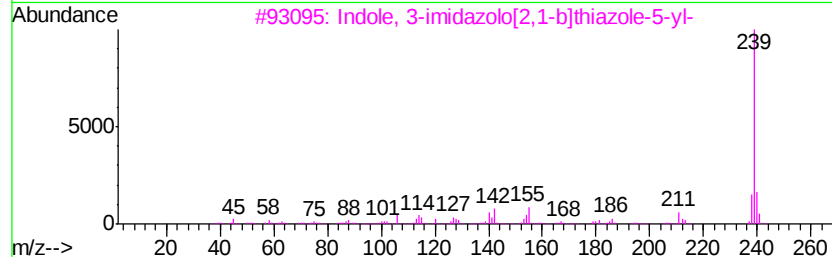
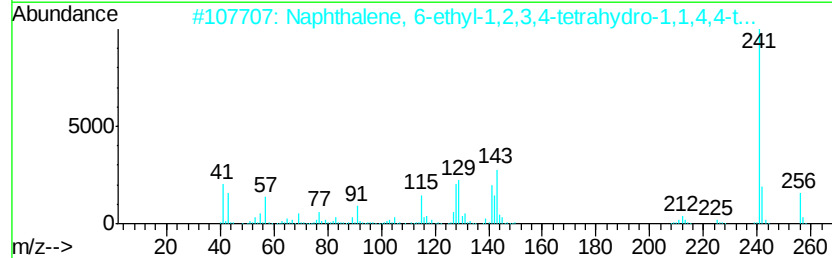
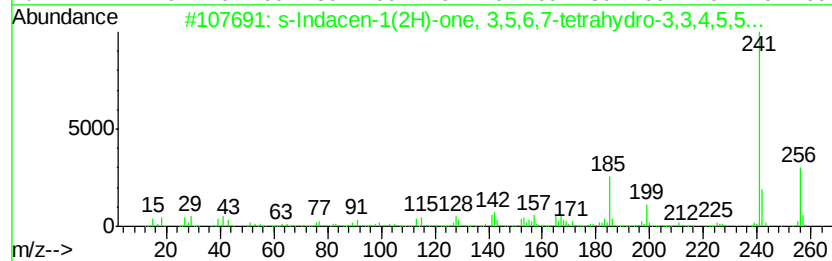
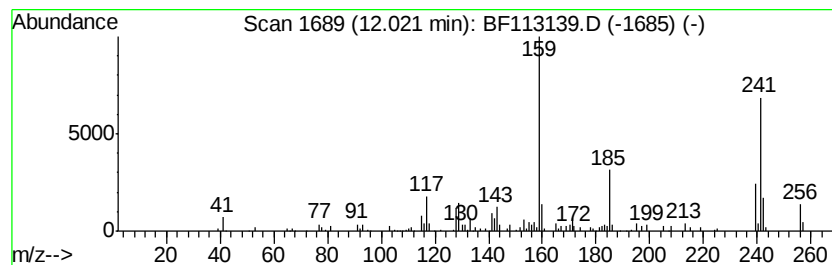
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	3.18 ng	126957	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	25
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	22
4	1,4-Bis[methyl(tetramethylene)si...	286	C14H30O2Si2	1000216-99-8	18
5	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1971-01 20X
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ALS Vial : 18 Sample Multiplier: 1

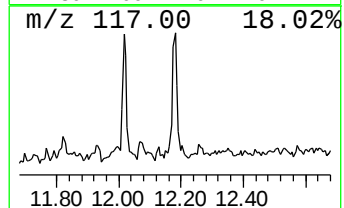
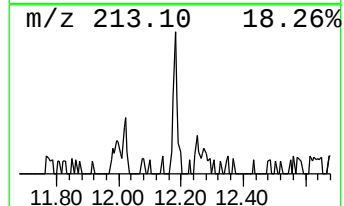
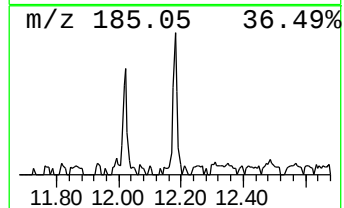
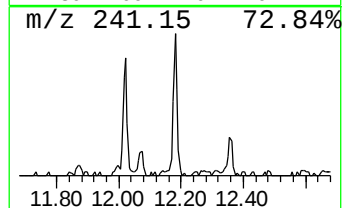
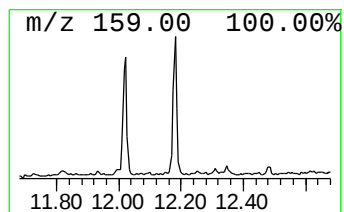
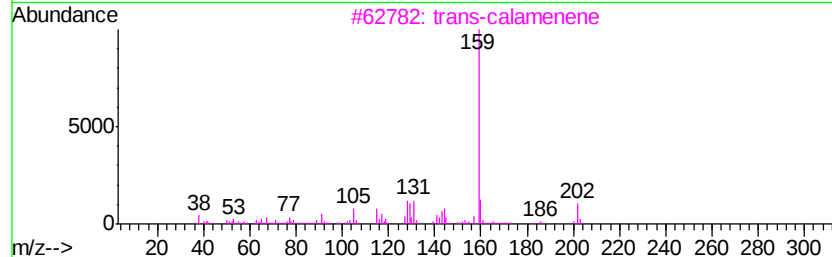
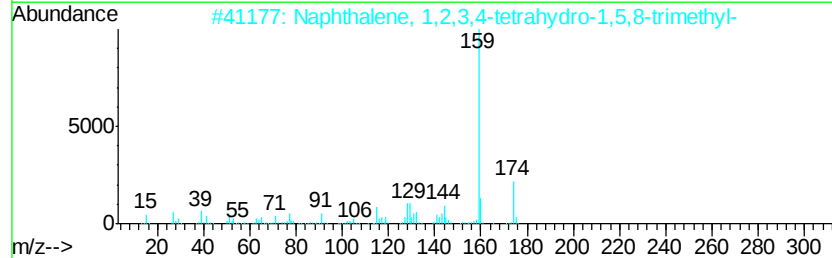
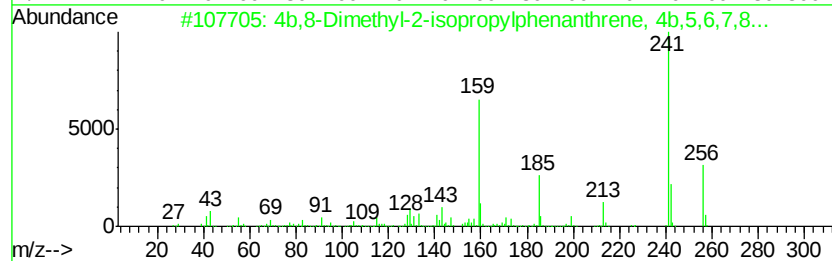
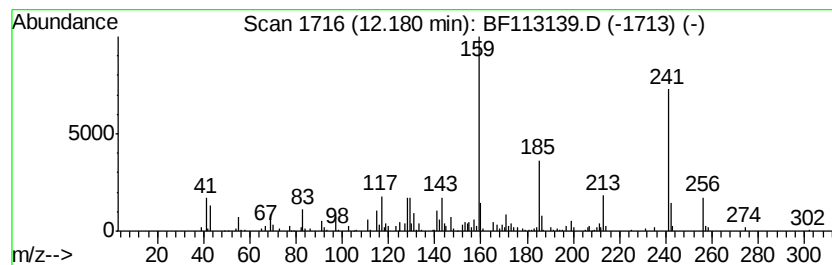
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.18	2.96 ng	118146	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
3	trans-calamenene	202	C15H22	1000374-17-3	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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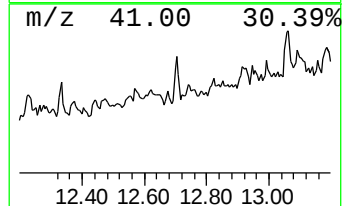
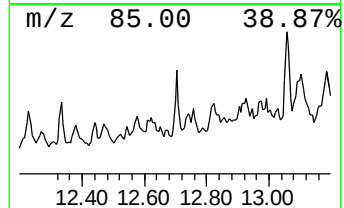
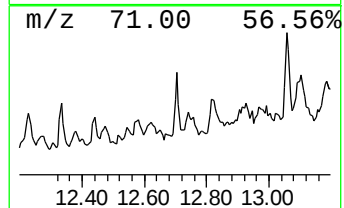
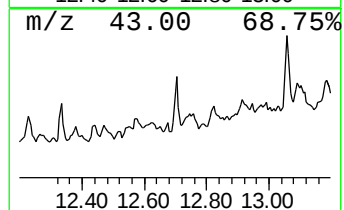
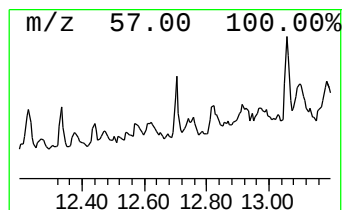
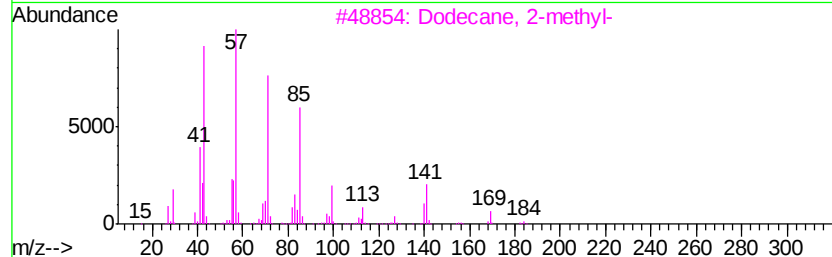
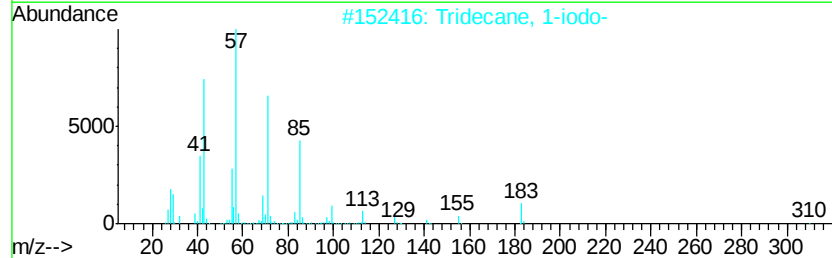
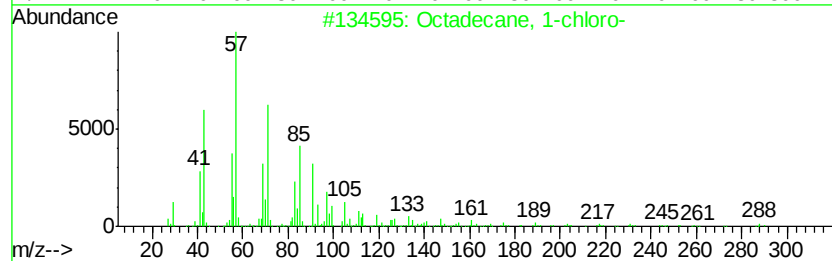
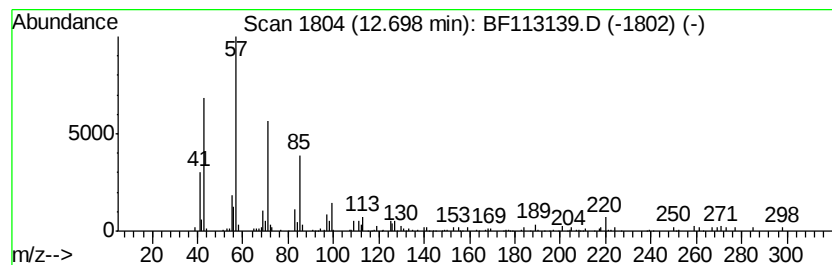
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octadecane, 1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.70	2.70 ng	108039	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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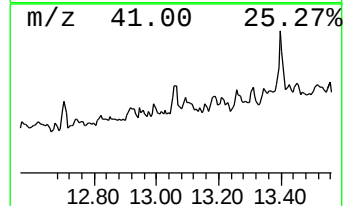
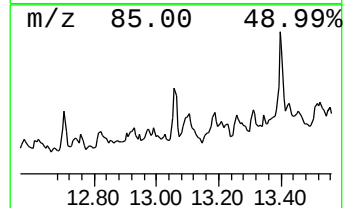
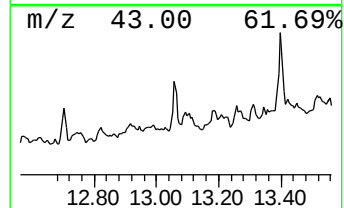
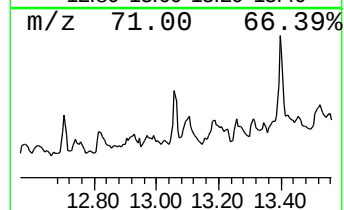
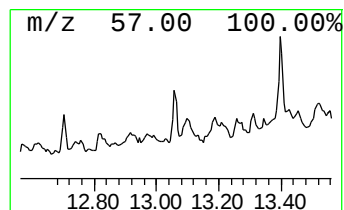
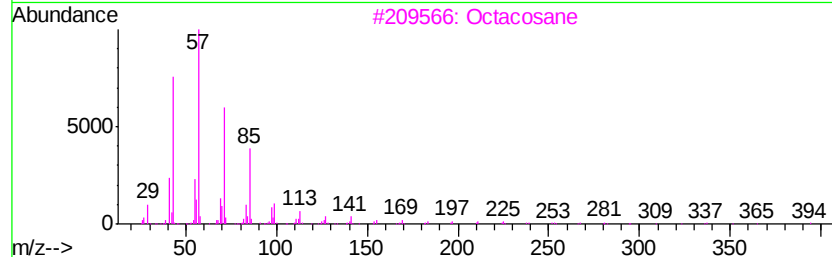
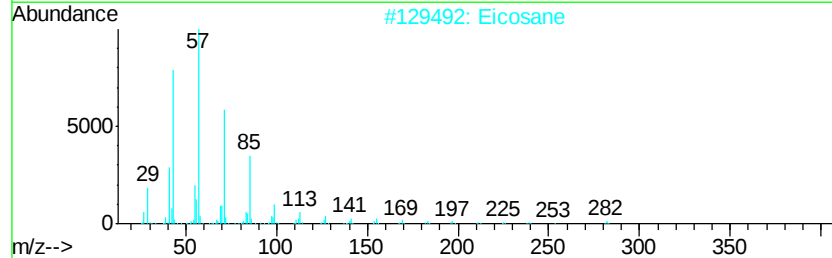
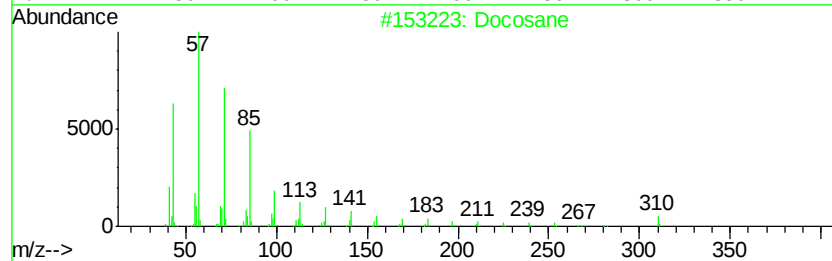
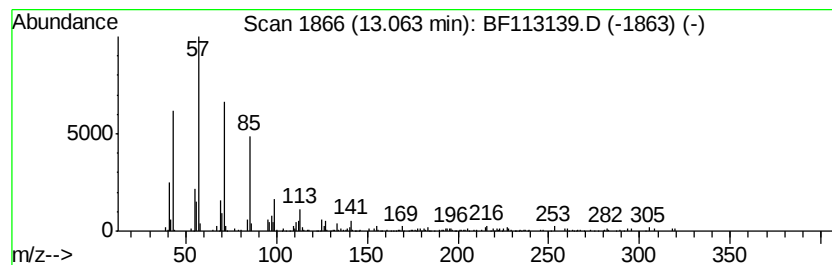
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.41 ng	136727	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Tricosane	324	C23H48	000638-67-5	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

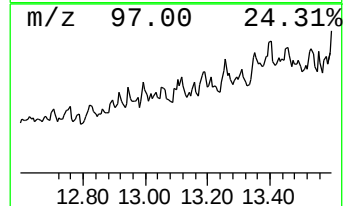
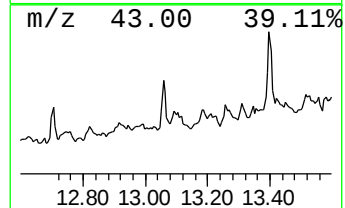
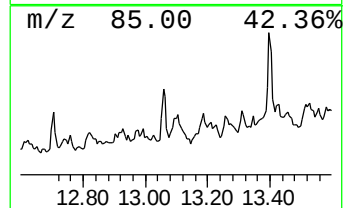
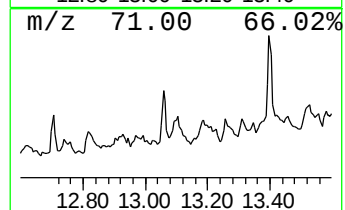
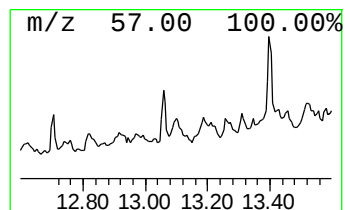
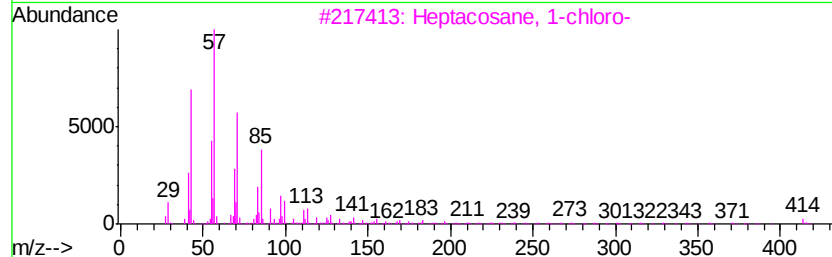
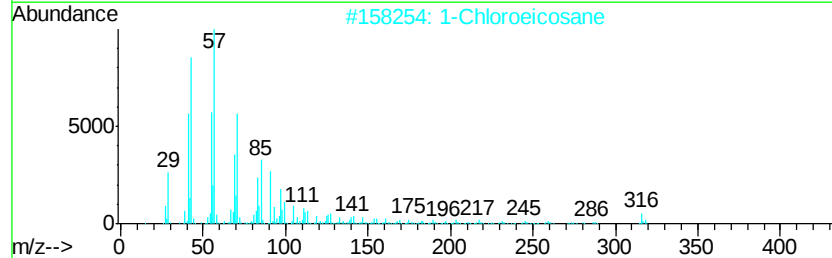
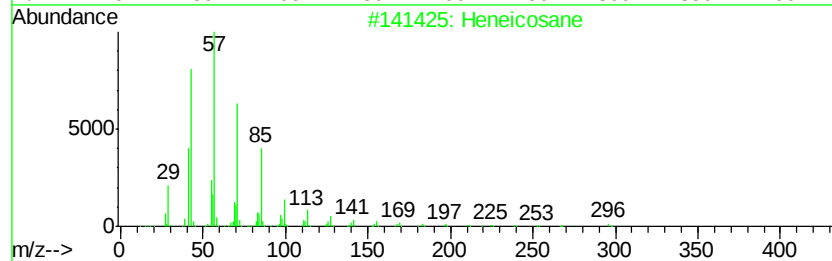
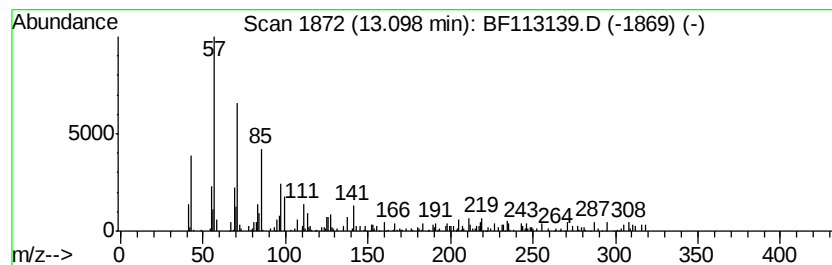
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.10	3.94 ng	157998	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1971-01 20X
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ALS Vial : 18 Sample Multiplier: 1

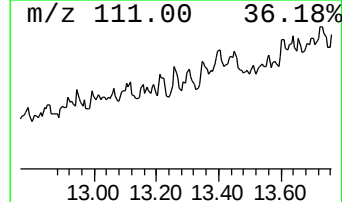
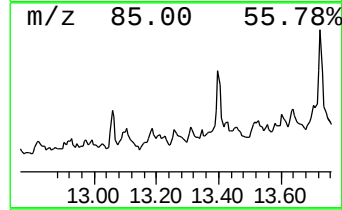
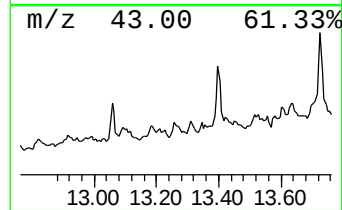
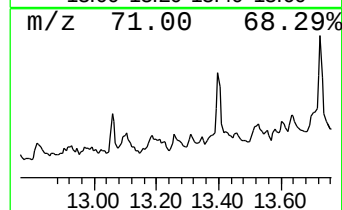
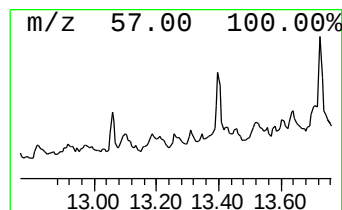
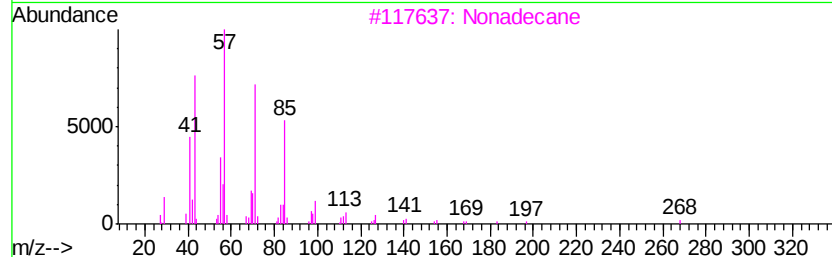
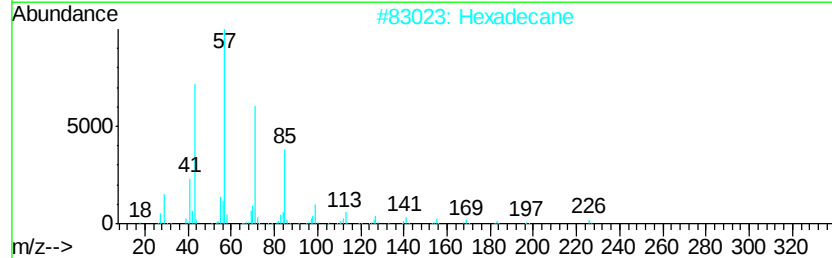
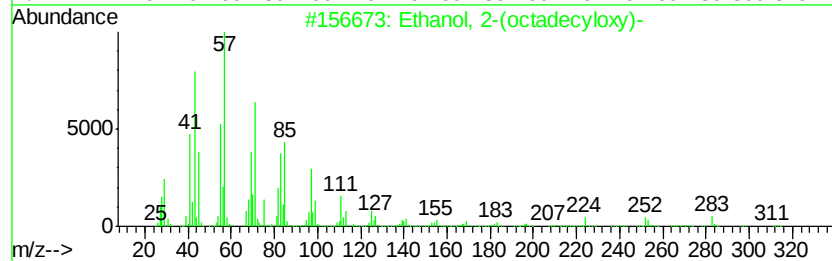
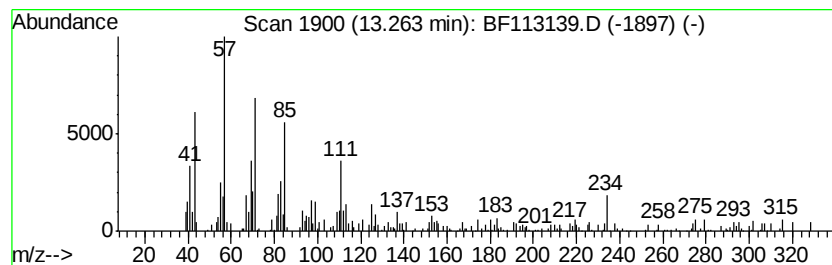
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BNA_F
ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ethanol, 2-(octadecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.26	3.72 ng	148930	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
2	Hexadecane	226	C16H34	000544-76-3	70
3	Nonadecane	268	C19H40	000629-92-5	70
4	Eicosane	282	C20H42	000112-95-8	70
5	Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

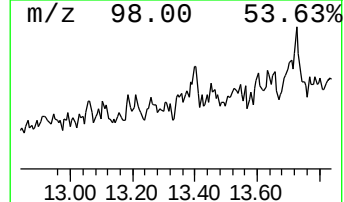
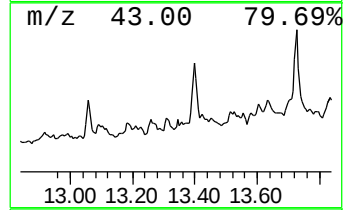
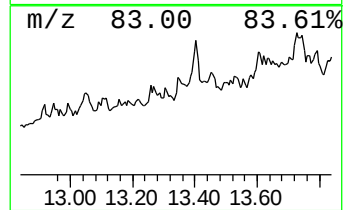
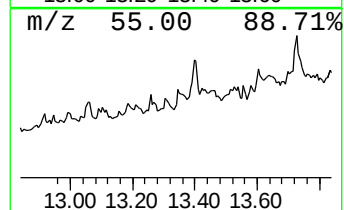
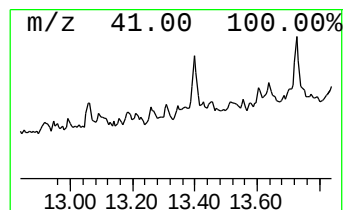
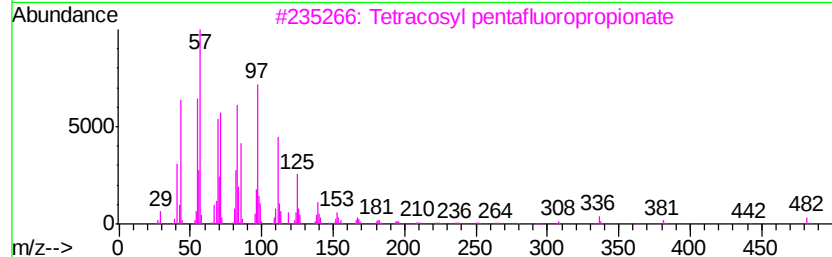
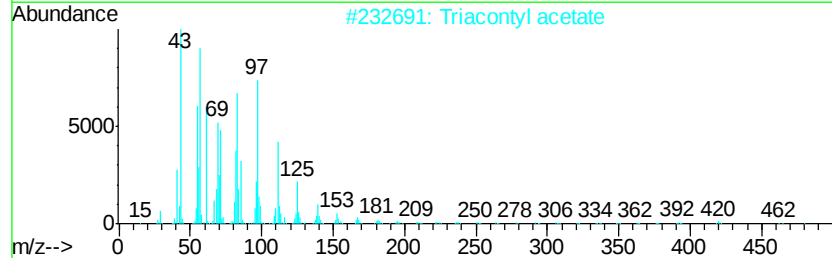
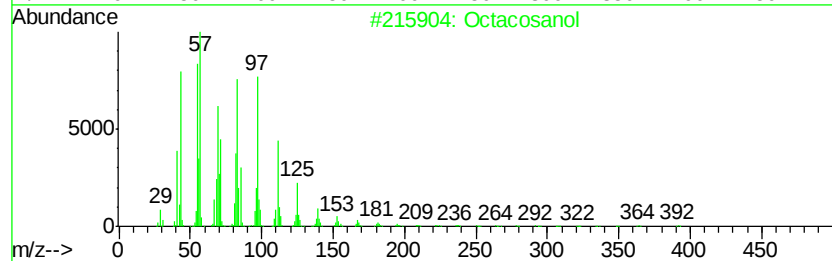
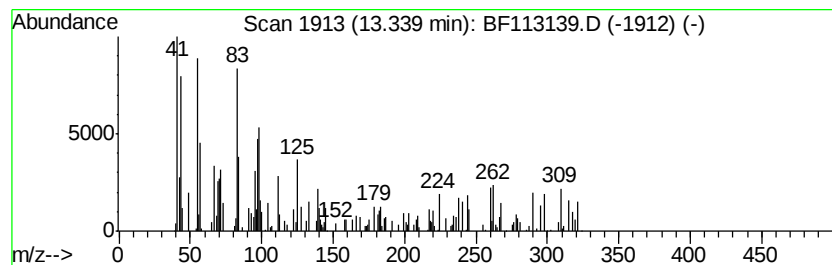
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ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octacosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.34	2.74 ng	109694	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosanol	410	C28H58O	000557-61-9	76
2		Triacontyl acetate	480	C32H64O2	041755-58-2	72
3		Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	68
4		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	64
5		Octacosyl acetate	452	C30H60O2	018206-97-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

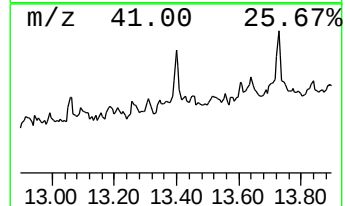
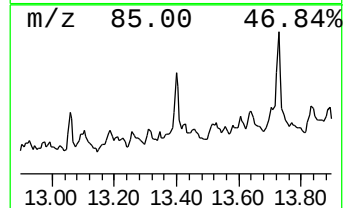
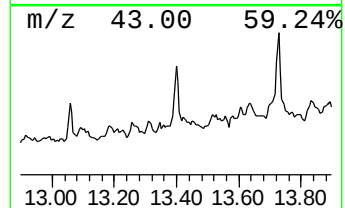
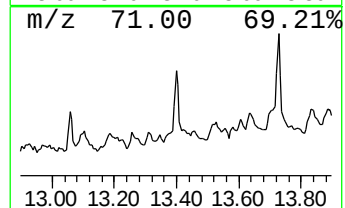
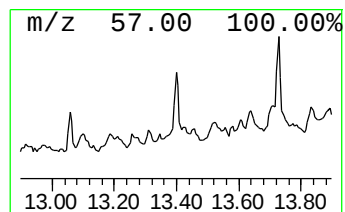
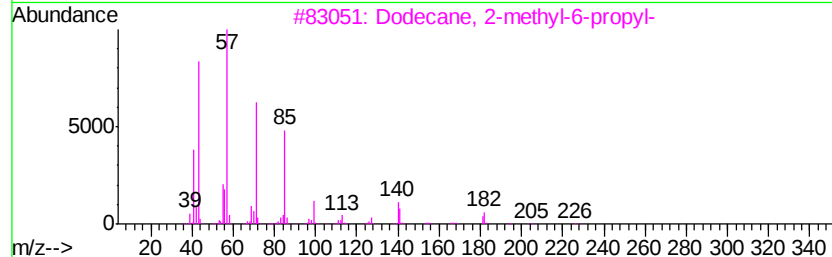
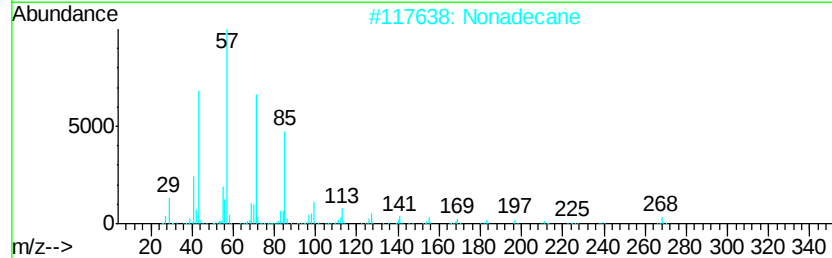
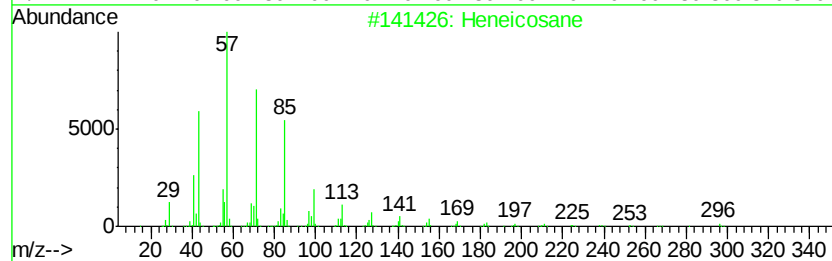
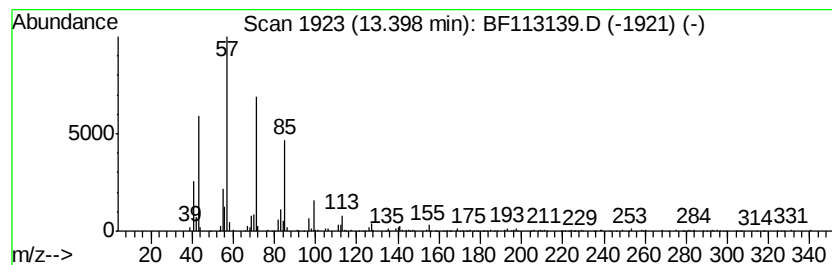
Instrument :
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ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.40	6.05 ng	242553	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

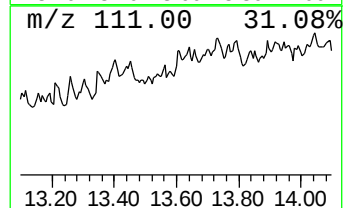
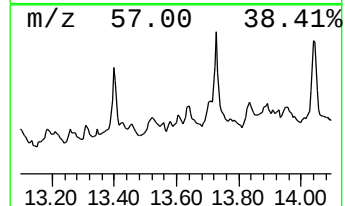
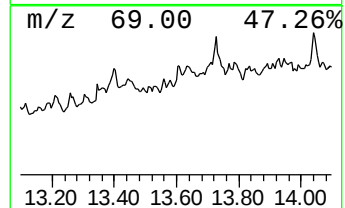
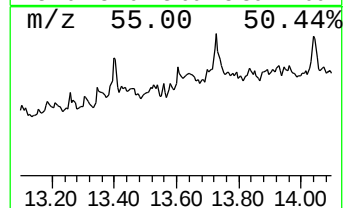
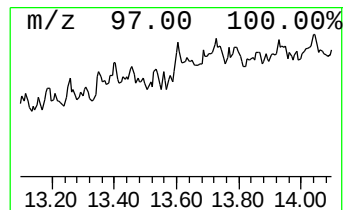
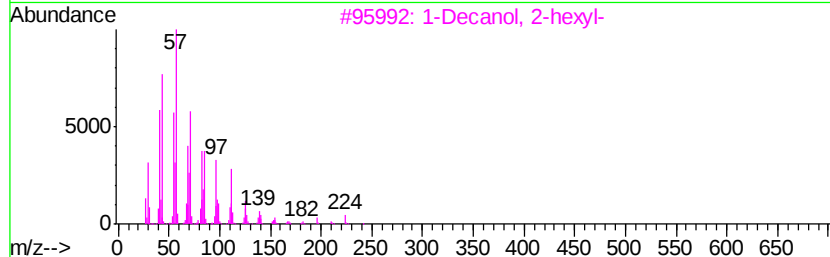
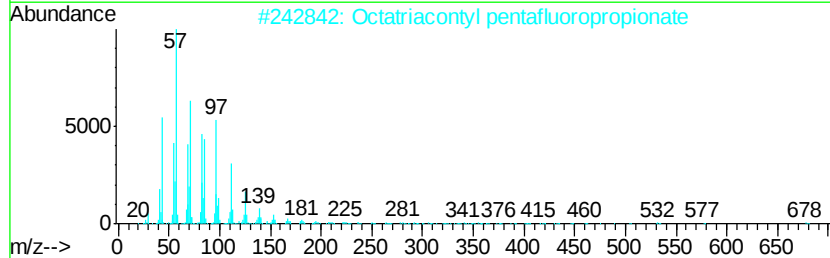
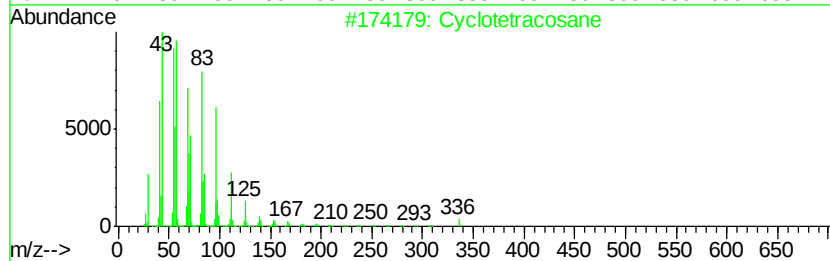
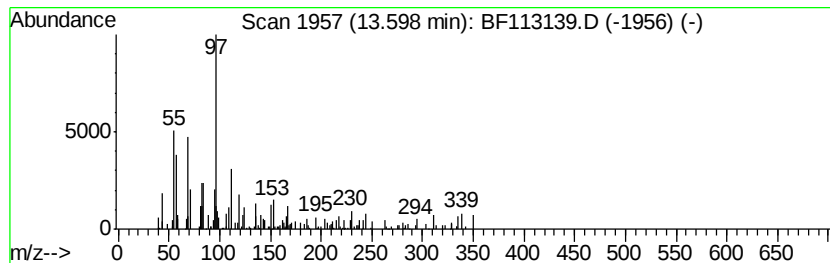
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclotetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.60	3.87 ng	155193	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	70
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	60
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
4	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	58
5	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1971-01 20X
Misc :
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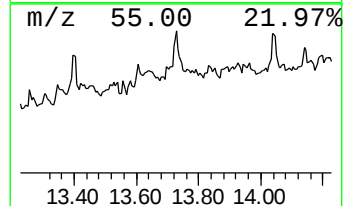
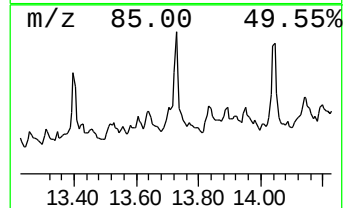
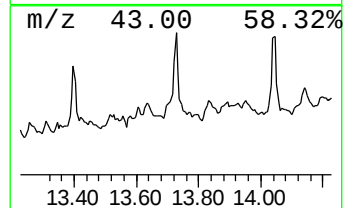
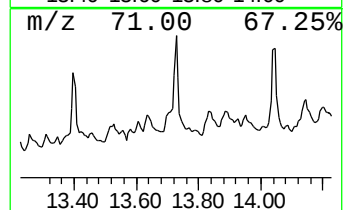
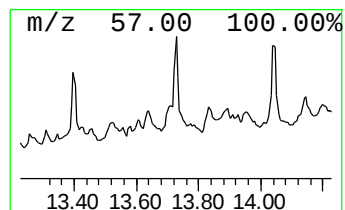
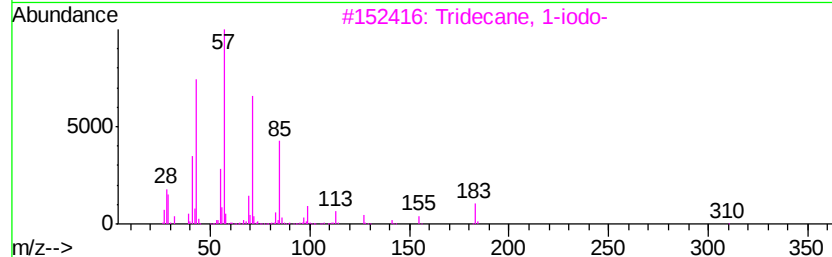
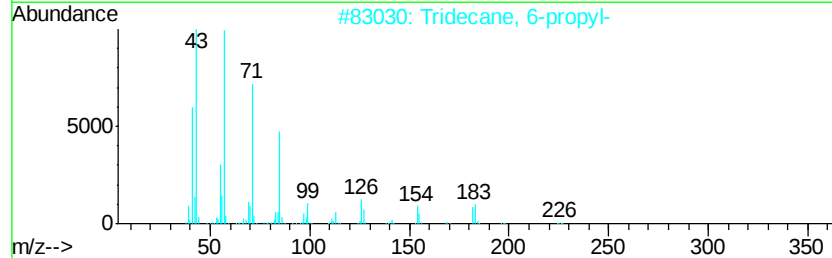
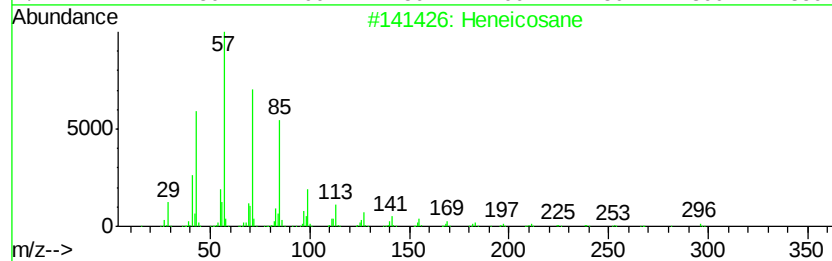
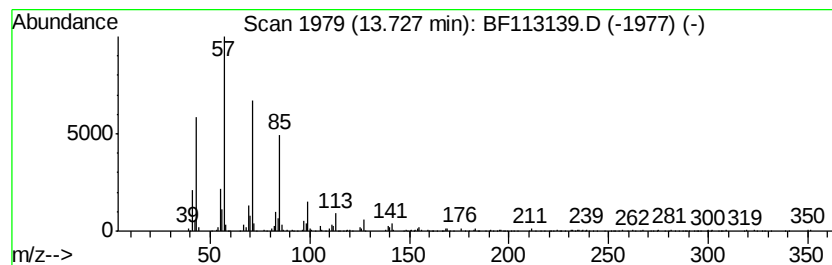
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.73	8.18 ng	327771	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8(9-10)-031519

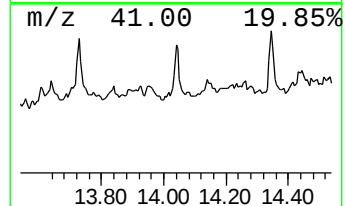
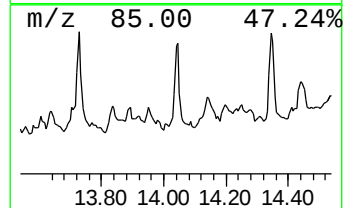
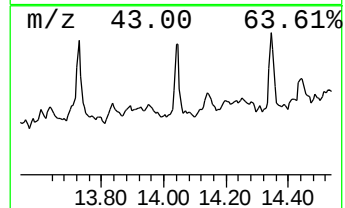
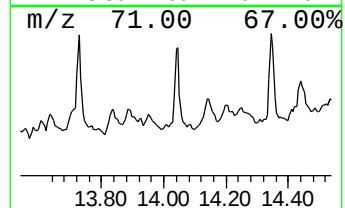
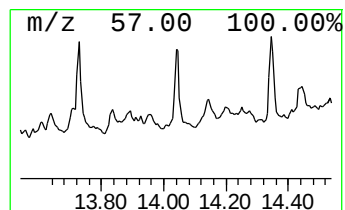
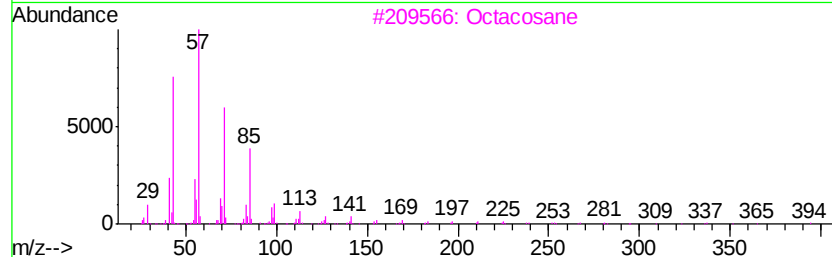
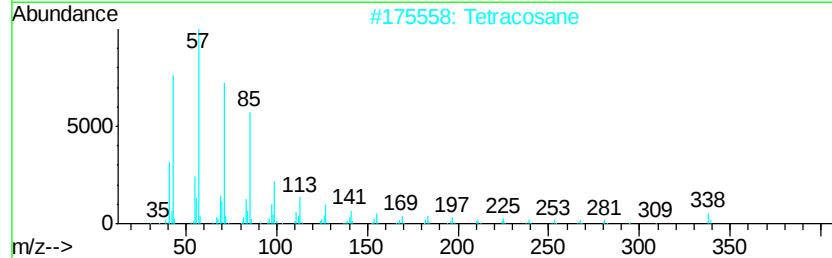
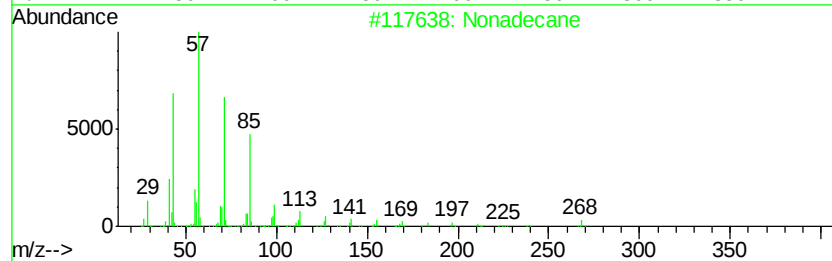
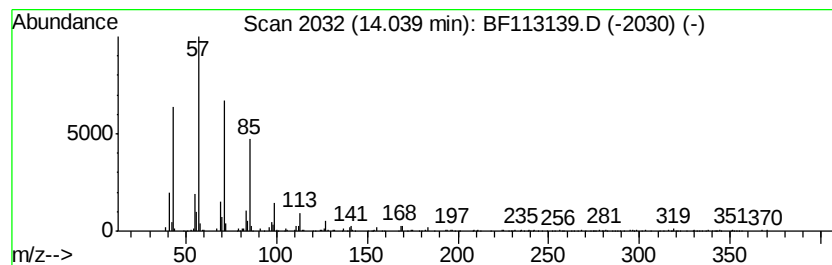
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	7.12 ng	285351	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Tetracosane	338	C24H50	000646-31-1	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8(9-10)-031519

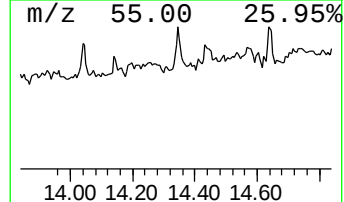
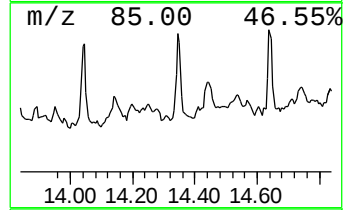
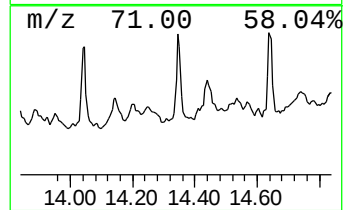
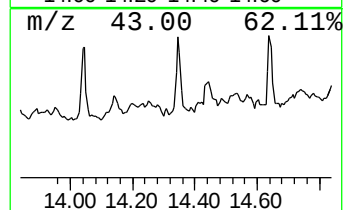
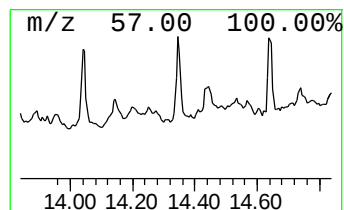
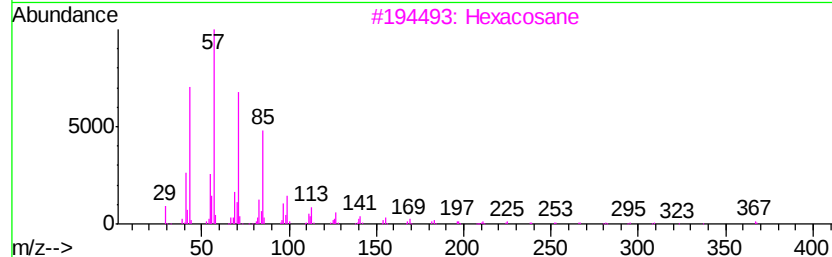
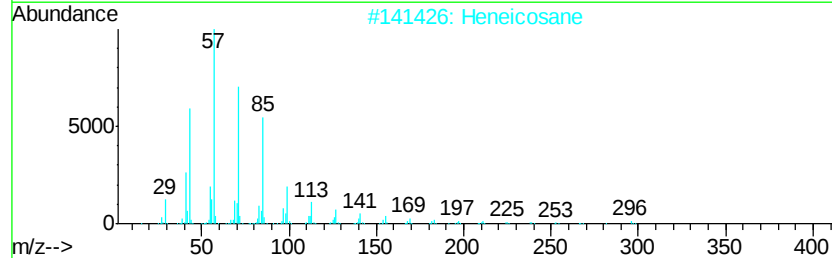
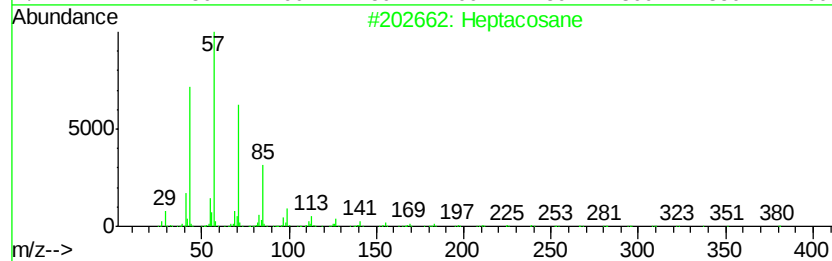
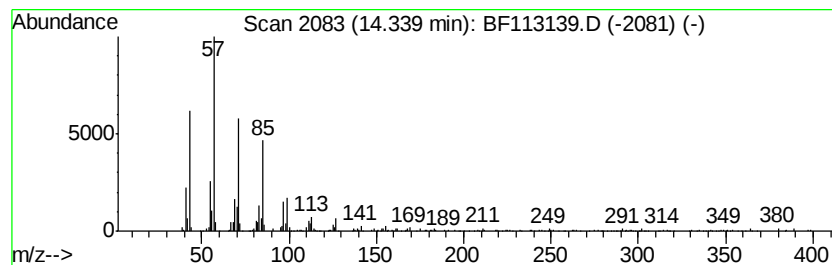
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	10.14 ng	406466	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

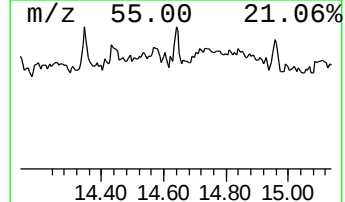
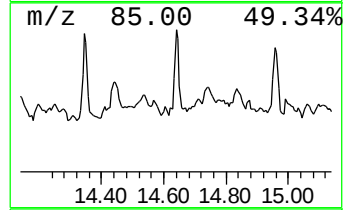
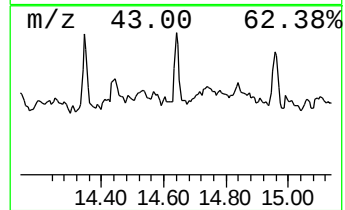
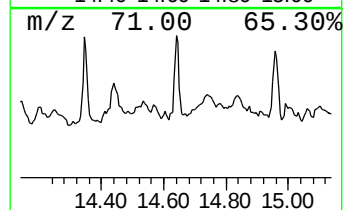
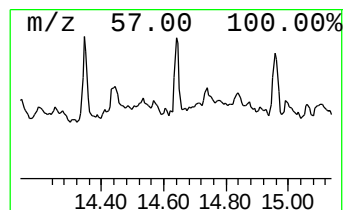
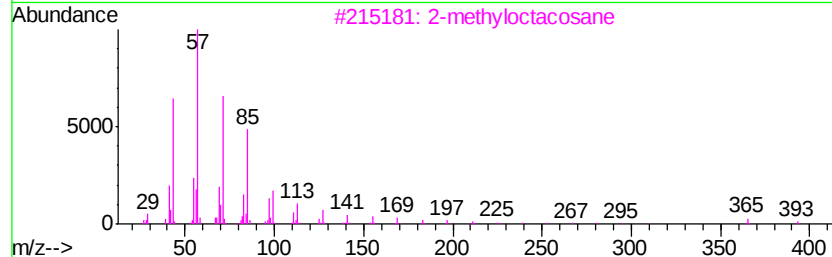
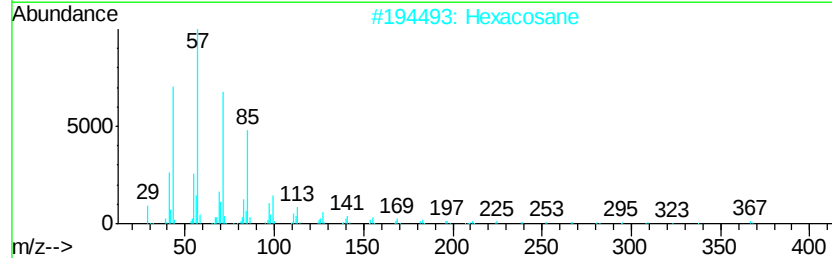
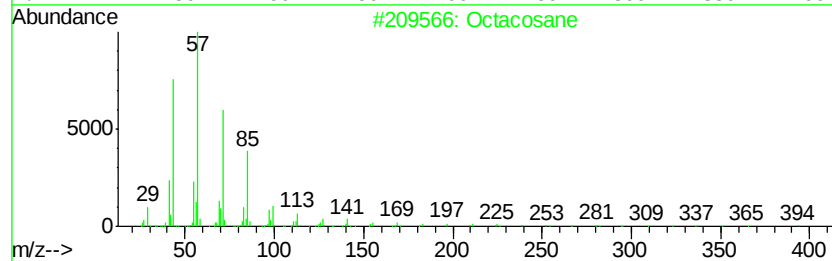
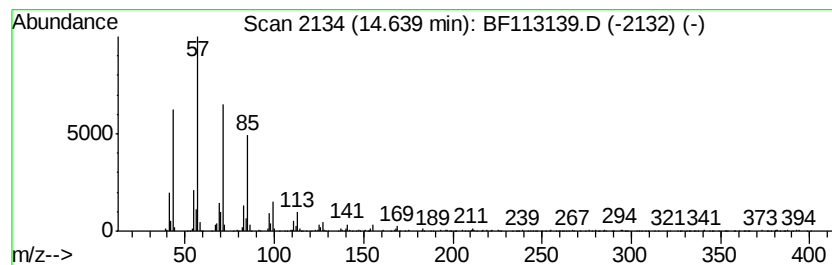
Instrument :
BNA_F
ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	11.83 ng	313286	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 94
2	Hexacosane	366	C26H54	000630-01-3 91
3	2-methyloctacosane	408	C29H60	1000376-72-8 90
4	10-Methylnonadecane	282	C20H42	056862-62-5 87
5	Heptadecane	240	C17H36	000629-78-7 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

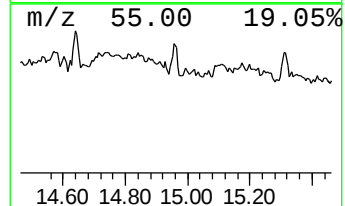
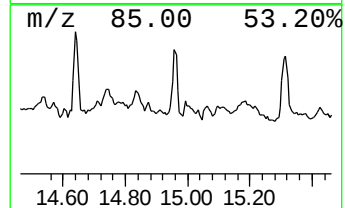
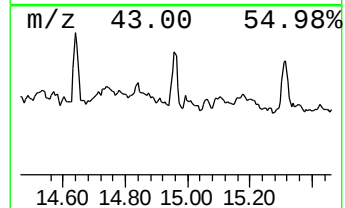
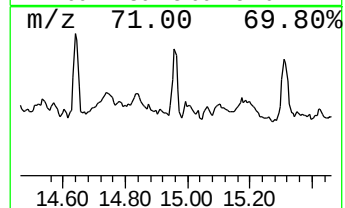
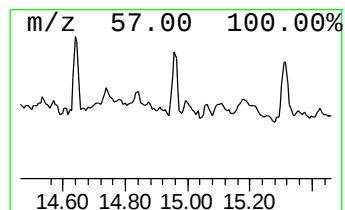
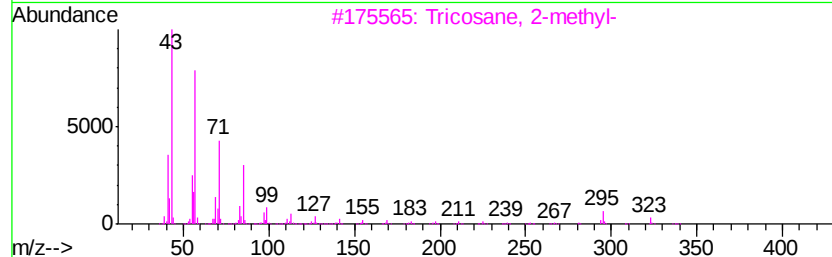
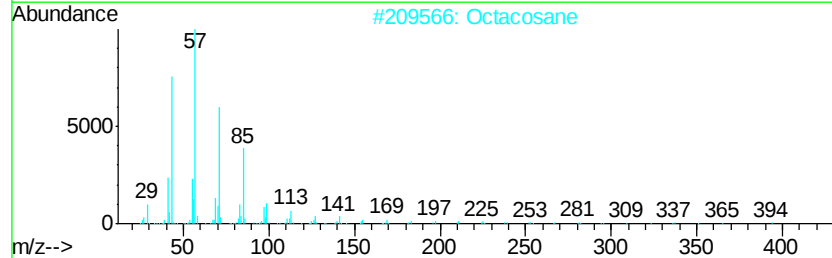
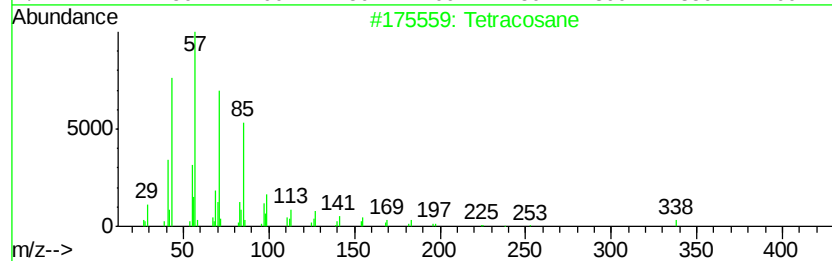
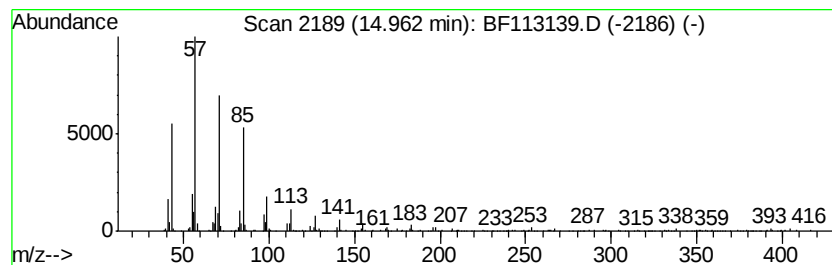
Instrument :
BNA_F
ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Thiopheneacetic acid, 4-t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	11.90 ng	315082	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 87
2		Octacosane	394 C28H58	000630-02-4 83
3		Tricosane, 2-methyl-	338 C24H50	001928-30-9 83
4		2-Thiopheneacetic acid, 4-tetrad...	338 C20H34O2S	1000280-67-0 80
5		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113139.D
Acq On : 19 Mar 2019 21:37
Operator : JU/SJ
Sample : K1971-01 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

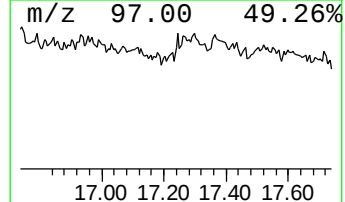
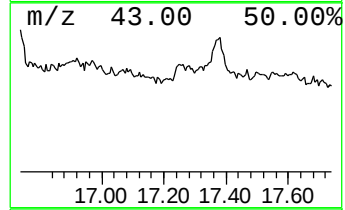
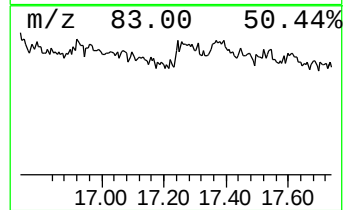
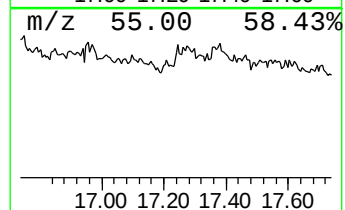
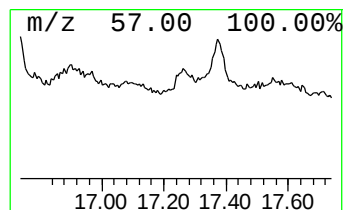
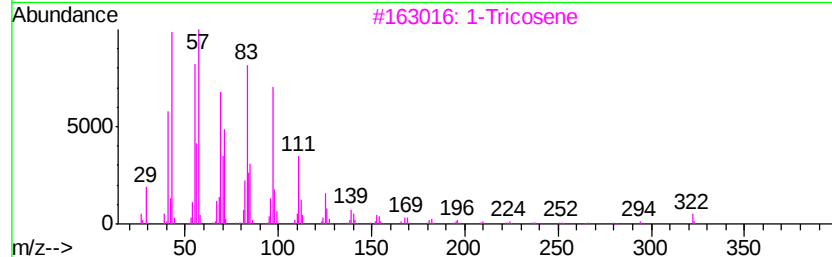
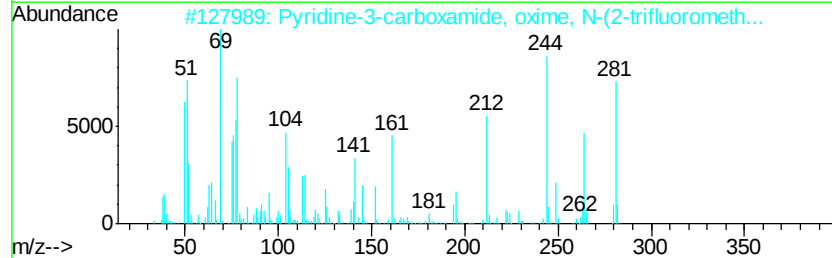
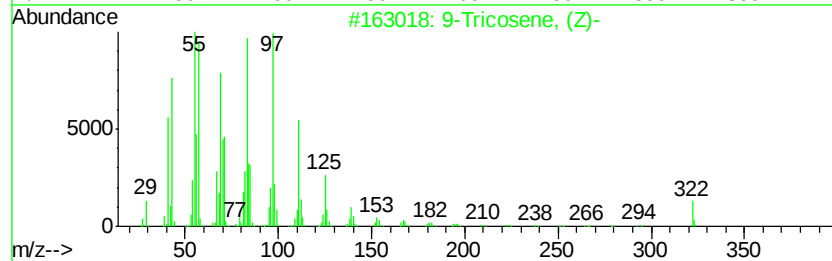
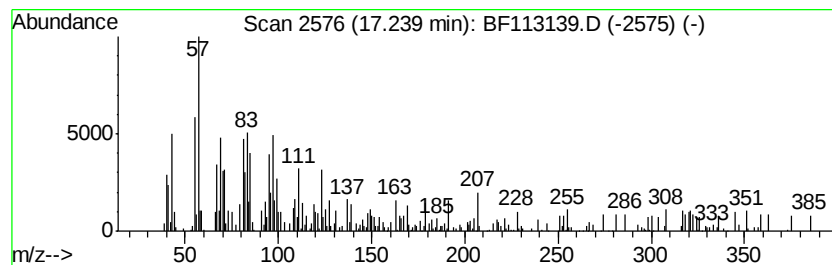
Instrument :
BNA_F
ClientSampleId :
SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	3.06 ng	80945	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		9-Tricosene, (Z)-	322 C23H46	027519-02-4 70
2		Pyridine-3-carboxamide, oxime, N...	281 C13H10F3N3O	288246-53-7 56
3		1-Tricosene	322 C23H46	018835-32-0 50
4		2,6,10,14-Tetramethyl-7-(3-methy...	348 C25H48	1000370-41-6 49
5		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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 Operator : JU/SJ
 Sample : K1971-01 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(9-10)-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.49	6.49	4.1 ng		147130	1	6.72	715340	20.0
Decane, 2,6,7-tri...	8.44	4.1 ng		190922	2	8.00	922134	20.0
Tritetracontane	9.49	4.2 ng		200571	3	9.76	951312	20.0
Pentadecane, 2,6,...	10.68	4.3 ng		170546	4	11.23	798188	20.0
unknown12.02	12.02	3.2 ng		126957	4	11.23	798188	20.0
4b,8-Dimethyl-2-i...	12.18	3.0 ng		118146	4	11.23	798188	20.0
Octadecane, 1-chl...	12.70	2.7 ng		108039	5	13.86	801723	20.0
Docosane	13.06	3.4 ng		136727	5	13.86	801723	20.0
Heneicosane	13.10	3.9 ng		157998	5	13.86	801723	20.0
Ethanol, 2-(octad...	13.26	3.7 ng		148930	5	13.86	801723	20.0
Octacosanol	13.34	2.7 ng		109694	5	13.86	801723	20.0
Eicosane, 10-methyl-	13.40	6.0 ng		242553	5	13.86	801723	20.0
Cyclotetracosane	13.60	3.9 ng		155193	5	13.86	801723	20.0
Tridecane, 6-propyl-	13.73	8.2 ng		327771	5	13.86	801723	20.0
Tridecane, 1-iodo-	14.04	7.1 ng		285351	5	13.86	801723	20.0
Hexacosane	14.34	10.1 ng		406466	5	13.86	801723	20.0
Heptadecane	14.64	11.8 ng		313286	6	15.27	529532	20.0
2-Thiopheneacetic...	14.96	11.9 ng		315082	6	15.27	529532	20.0
9-Tricosene, (Z)-	17.24	3.1 ng		80945	6	15.27	529532	20.0