

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113007.D
 Acq On : 12 Mar 2019 17:14
 Operator : JU/SJ
 Sample : K1697-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-031119-B

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	5.340	549	553	565	rBV	2017974	1914430	72.17%	4.717%
2	6.269	708	711	715	rBV4	43687	50346	1.90%	0.124%
3	6.334	720	722	724	rBV	50582	41947	1.58%	0.103%
4	6.363	724	727	734	rBV	2041827	1973791	74.41%	4.863%
5	6.498	746	750	756	rVV	2415623	2075881	78.26%	5.114%
6	6.563	758	761	762	rVV	58775	53762	2.03%	0.132%
7	6.581	762	764	770	rVB	229757	195364	7.36%	0.481%
8	6.734	786	790	793	rBV	1358990	1218183	45.92%	3.001%
9	6.763	793	795	798	rVB2	96852	82998	3.13%	0.204%
10	6.792	798	800	805	rBV2	66950	76864	2.90%	0.189%
11	6.887	813	816	821	rBV	1991696	1640838	61.86%	4.043%
12	7.016	835	838	842	rVB3	87192	118228	4.46%	0.291%
13	7.057	842	845	847	rVB2	110244	101770	3.84%	0.251%
14	7.087	847	850	855	rBV	94109	90118	3.40%	0.222%
15	7.134	855	858	860	rBV	186688	149186	5.62%	0.368%
16	7.287	876	884	888	rBV	1328033	1384561	52.19%	3.411%
17	7.345	891	894	897	rVV	769639	644124	24.28%	1.587%
18	7.387	897	901	905	rVV4	100434	143305	5.40%	0.353%
19	7.422	905	907	910	rVV3	41971	61425	2.32%	0.151%
20	7.457	910	913	917	rVV3	96480	101329	3.82%	0.250%
21	7.504	917	921	923	rVV4	59402	82353	3.10%	0.203%
22	7.534	923	926	932	rVB3	161950	261189	9.85%	0.643%
23	7.645	939	945	949	rBV5	134985	271973	10.25%	0.670%
24	7.710	952	956	959	rVV3	141229	160743	6.06%	0.396%
25	7.745	959	962	966	rVV3	178783	275699	10.39%	0.679%
26	7.781	966	968	971	rVV2	244753	233406	8.80%	0.575%
27	7.822	972	975	977	rVV2	157759	137622	5.19%	0.339%
28	7.851	977	980	984	rVB3	122722	157827	5.95%	0.389%
29	7.892	984	987	988	rBV	64530	59448	2.24%	0.146%
30	7.928	988	993	995	rVB3	45226	53256	2.01%	0.131%
31	7.963	997	999	1000	rVV2	68765	60207	2.27%	0.148%
32	7.981	1000	1002	1003	rVV2	105804	92091	3.47%	0.227%
33	8.010	1003	1007	1011	rVV	2710144	2652699	100.00%	6.535%
34	8.069	1015	1017	1018	rVV2	154286	136729	5.15%	0.337%

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35	8.092	1018	1021	1023	rVV	450038	403234	15.20%	0.993%
36	8.116	1023	1025	1028	rVV2	111842	131675	4.96%	0.324%
37	8.145	1028	1030	1032	rVB2	81152	64880	2.45%	0.160%
38	8.192	1032	1038	1040	rBV6	88154	160238	6.04%	0.395%
39	8.210	1040	1041	1043	rVV	81093	81317	3.07%	0.200%
40	8.257	1047	1049	1051	rVV2	61445	67359	2.54%	0.166%
41	8.316	1054	1059	1062	rVV5	276378	428838	16.17%	1.057%
42	8.369	1066	1068	1071	rVV2	229859	214021	8.07%	0.527%
43	8.404	1071	1074	1077	rVV2	326430	315465	11.89%	0.777%
44	8.451	1078	1082	1086	rVV	553713	627692	23.66%	1.546%
45	8.486	1086	1088	1090	rVV3	103995	92645	3.49%	0.228%
46	8.522	1091	1094	1097	rVV3	217515	206573	7.79%	0.509%
47	8.563	1099	1101	1103	rVV2	83042	87478	3.30%	0.216%
48	8.616	1107	1110	1115	rVV	1635548	1523363	57.43%	3.753%
49	8.675	1118	1120	1123	rVV3	207292	235081	8.86%	0.579%
50	8.716	1123	1127	1132	rVV3	210029	297310	11.21%	0.732%
51	8.775	1133	1137	1139	rVV4	30103	51976	1.96%	0.128%
52	8.839	1143	1148	1152	rVV6	147576	261505	9.86%	0.644%
53	8.898	1156	1158	1160	rBV	167959	151790	5.72%	0.374%
54	8.928	1160	1163	1165	rVV3	170264	213909	8.06%	0.527%
55	8.951	1165	1167	1170	rVV4	109584	124969	4.71%	0.308%
56	8.981	1170	1172	1175	rVB	233273	170364	6.42%	0.420%
57	9.022	1176	1179	1181	rVV	138659	123885	4.67%	0.305%
58	9.045	1181	1183	1186	rVB	383915	327875	12.36%	0.808%
59	9.086	1186	1190	1196	rBV	2367842	2055041	77.47%	5.063%
60	9.181	1202	1206	1212	rBV	1436019	1239498	46.73%	3.054%
61	9.228	1212	1214	1215	rVV2	87896	85977	3.24%	0.212%
62	9.263	1218	1220	1222	rVB3	66869	50175	1.89%	0.124%
63	9.345	1229	1234	1241	rBV5	77200	184300	6.95%	0.454%
64	9.428	1241	1248	1250	rBV4	127442	236763	8.93%	0.583%
65	9.481	1255	1257	1259	rVV	255138	308822	11.64%	0.761%
66	9.498	1259	1260	1262	rVV	394437	301807	11.38%	0.744%
67	9.522	1262	1264	1267	rVV	168824	168257	6.34%	0.415%
68	9.557	1268	1270	1273	rVB3	93277	72224	2.72%	0.178%
69	9.681	1288	1291	1293	rBV2	69936	54125	2.04%	0.133%
70	9.710	1293	1296	1300	rBV	884876	713413	26.89%	1.758%
71	9.763	1300	1305	1311	rBV	1603404	1551372	58.48%	3.822%

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72	9.939	1331	1335	1338	rBV4	68054	107732	4.06%	0.265%
73	9.969	1338	1340	1343	rVV	94313	87540	3.30%	0.216%
74	9.998	1343	1345	1346	rVV	44488	41391	1.56%	0.102%
75	10.028	1348	1350	1354	rVB2	124205	129133	4.87%	0.318%
76	10.204	1377	1380	1383	rBV	578079	439514	16.57%	1.083%
77	10.428	1414	1418	1421	rBV	157447	171466	6.46%	0.422%
78	10.545	1434	1438	1448	rBV	1121482	1121312	42.27%	2.763%
79	10.675	1457	1460	1469	rVB	369667	447344	16.86%	1.102%
80	11.122	1533	1536	1539	rBV	174236	149737	5.64%	0.369%
81	11.151	1539	1541	1547	rVB	71024	75427	2.84%	0.186%
82	11.239	1552	1556	1564	rBV	1276155	1245343	46.95%	3.068%
83	11.545	1605	1608	1615	rVB	93118	88335	3.33%	0.218%
84	11.645	1622	1625	1629	rVB	43415	43021	1.62%	0.106%
85	11.774	1644	1647	1656	rBV2	162582	205676	7.75%	0.507%
86	11.951	1674	1677	1680	rBV	61933	47902	1.81%	0.118%
87	12.322	1737	1740	1742	rBV	151978	151652	5.72%	0.374%
88	12.345	1742	1744	1752	rVB3	137155	129232	4.87%	0.318%
89	12.563	1777	1781	1791	rBV2	57910	103804	3.91%	0.256%
90	12.816	1820	1824	1833	rBV	1755046	1715834	64.68%	4.227%
91	13.727	1975	1979	1988	rBV	123292	198921	7.50%	0.490%
92	13.863	1998	2002	2014	rBV	1220443	1414286	53.31%	3.484%
93	14.045	2030	2033	2036	rBV	57357	53871	2.03%	0.133%
94	14.345	2081	2084	2087	rBV	102662	94623	3.57%	0.233%
95	14.645	2131	2135	2138	rBV	148061	152062	5.73%	0.375%
96	14.957	2185	2188	2192	rBV	164085	172506	6.50%	0.425%
97	15.274	2236	2242	2246	rBV	994589	1340787	50.54%	3.303%
98	15.315	2246	2249	2256	rVB	164745	227443	8.57%	0.560%
99	15.715	2313	2317	2322	rBV	114216	186358	7.03%	0.459%
100	16.186	2393	2397	2402	rBV	69410	108316	4.08%	0.267%

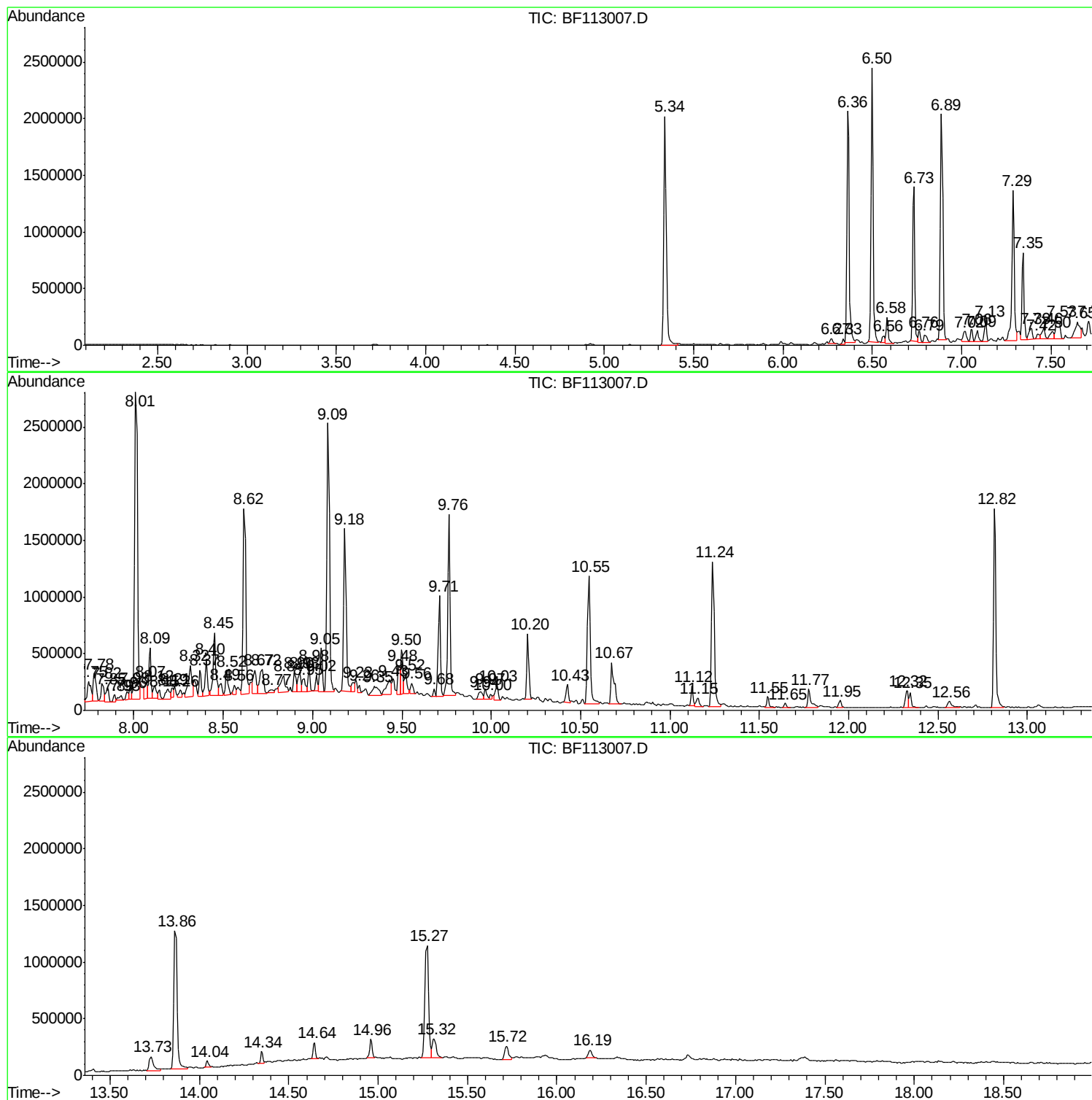
Sum of corrected areas: 40589476

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ALS Vial : 10 Sample Multiplier: 1

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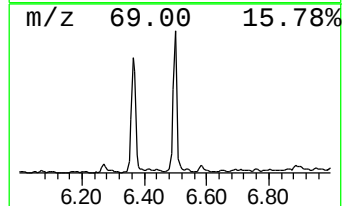
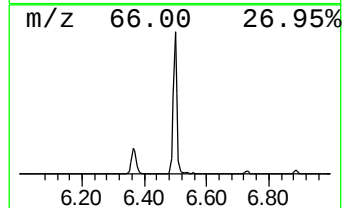
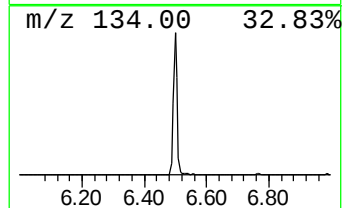
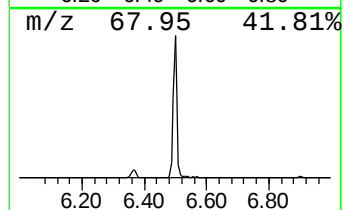
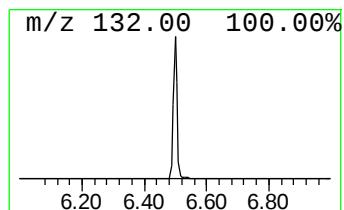
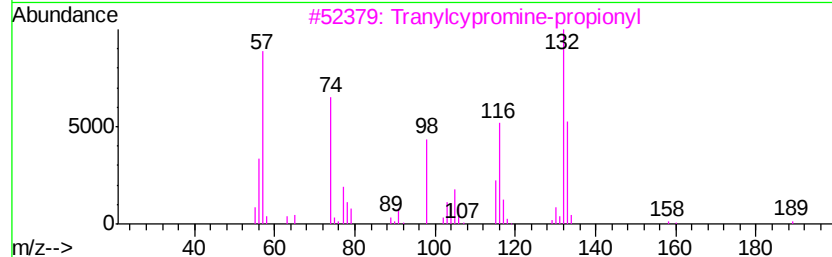
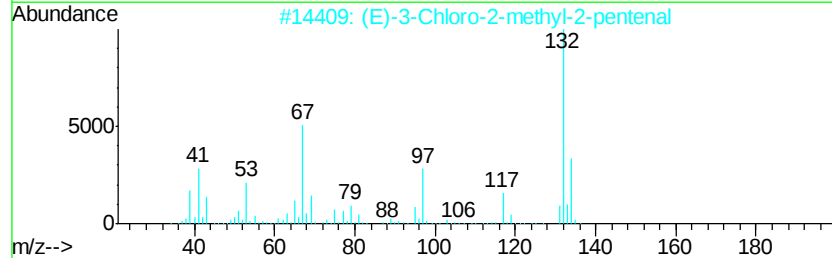
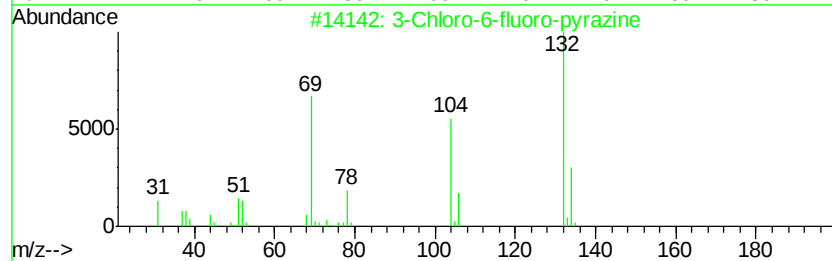
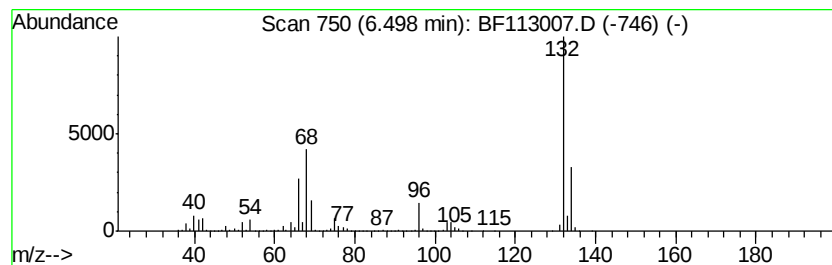
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	34.08 ng	2075880	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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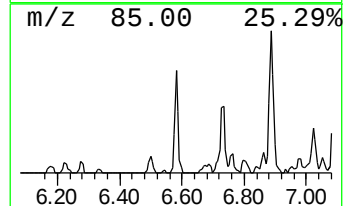
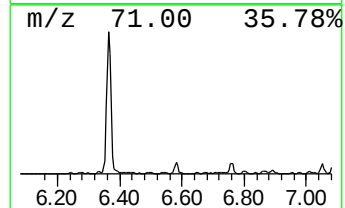
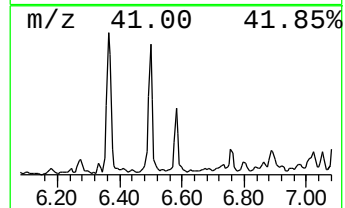
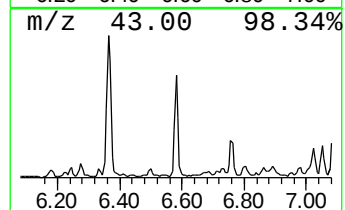
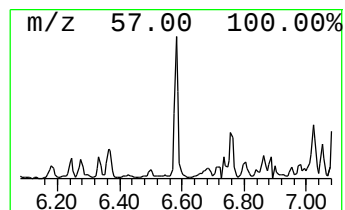
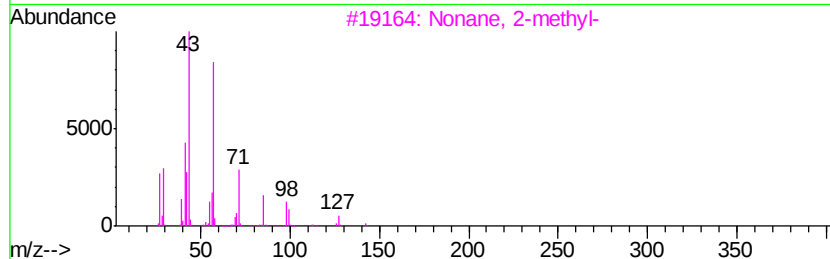
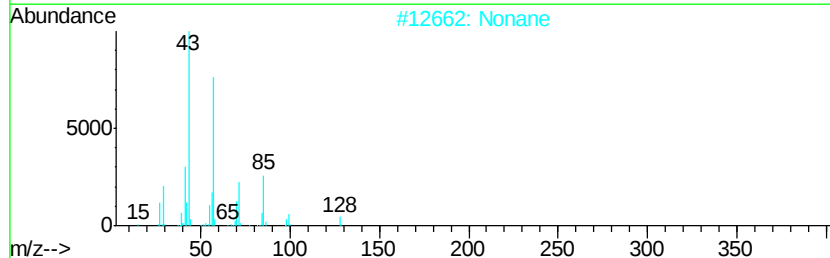
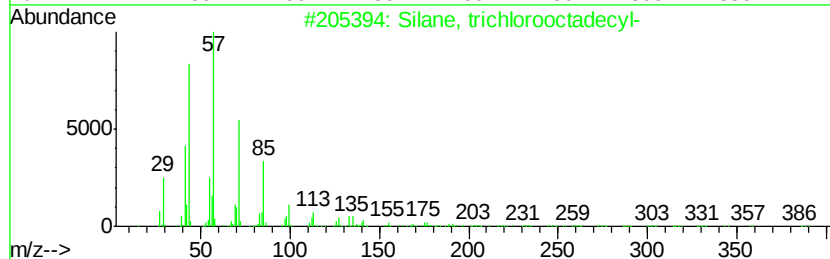
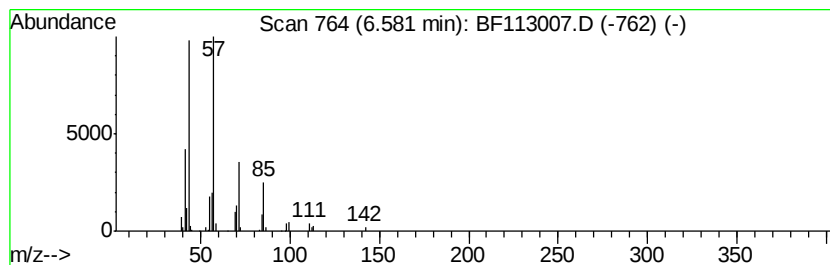
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Silane, trichlorooctadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	3.21 ng	195364	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
2		Nonane	128	C9H20	000111-84-2	72
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4		Decane	142	C10H22	000124-18-5	72
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	72



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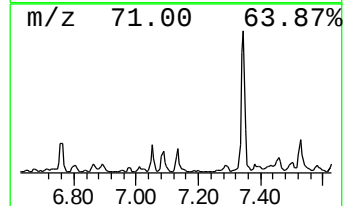
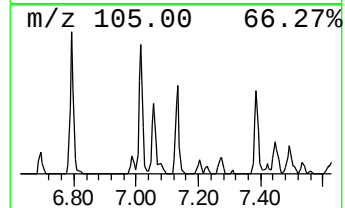
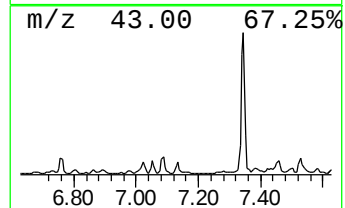
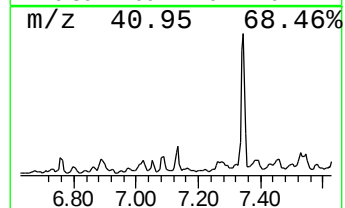
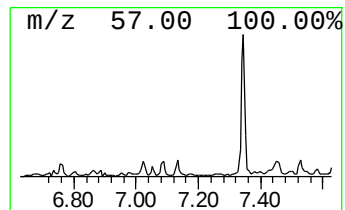
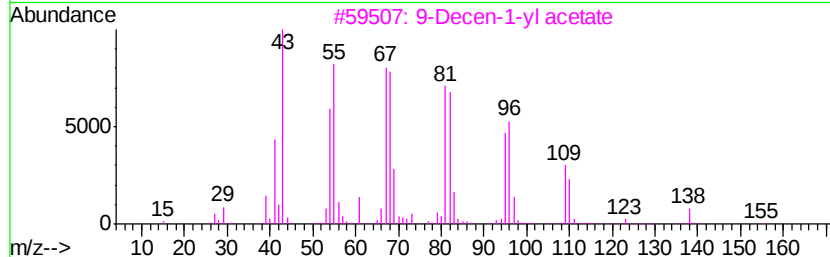
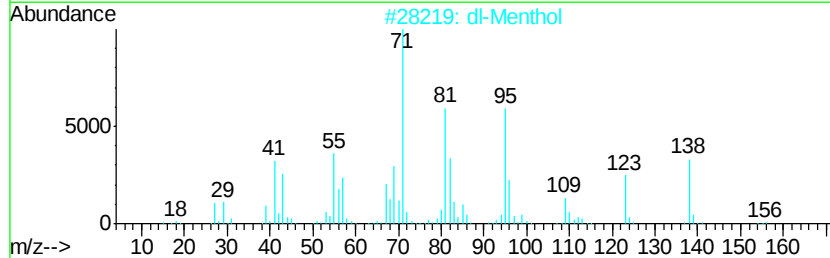
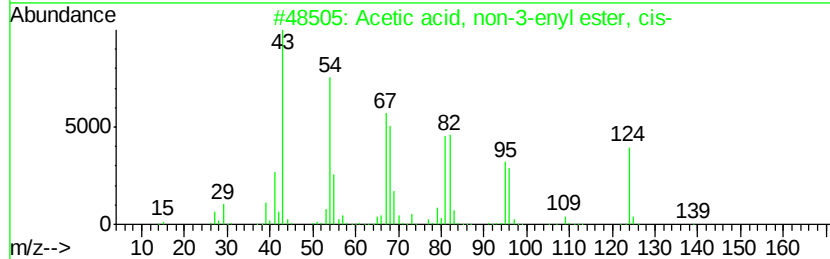
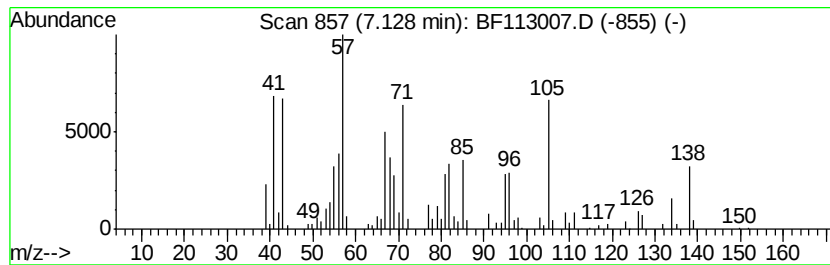
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.45 ng	149186	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, non-3-enyl ester, cis-	184	C11H20O2	013049-88-2	38
2			dl-Menthol	156	C10H20O	000089-78-1	35
3			9-Decen-1-yl acetate	198	C12H22O2	050816-18-7	27
4			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	27
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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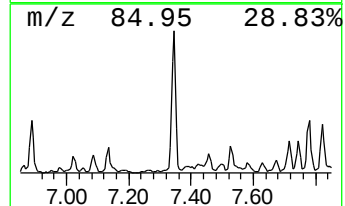
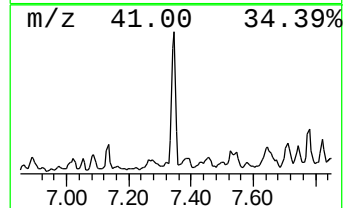
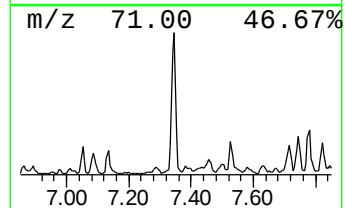
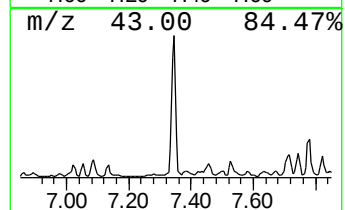
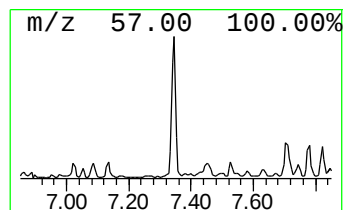
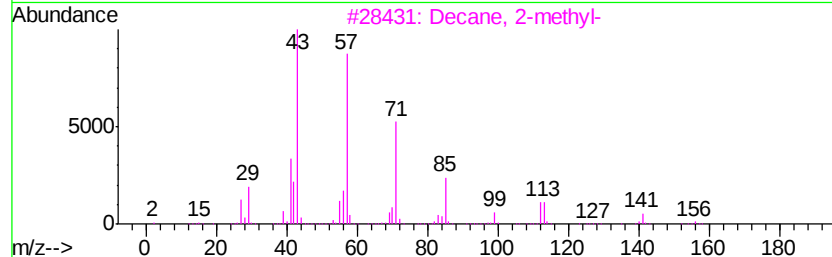
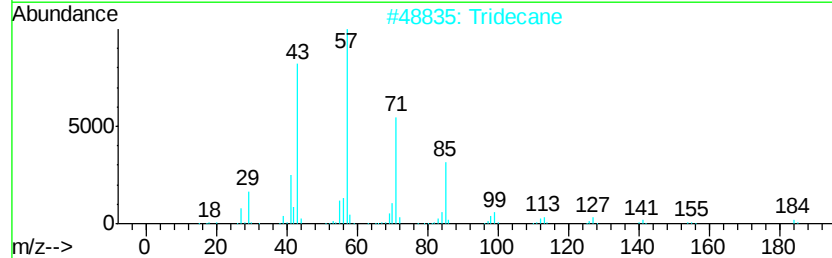
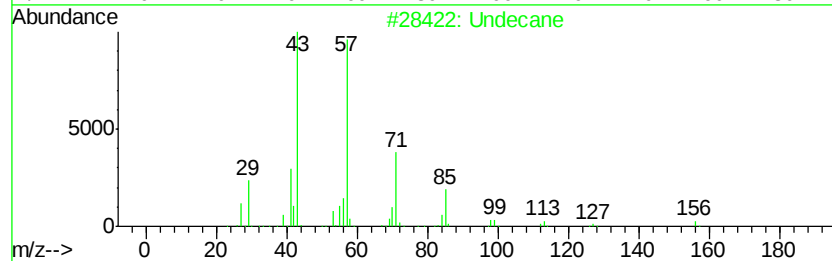
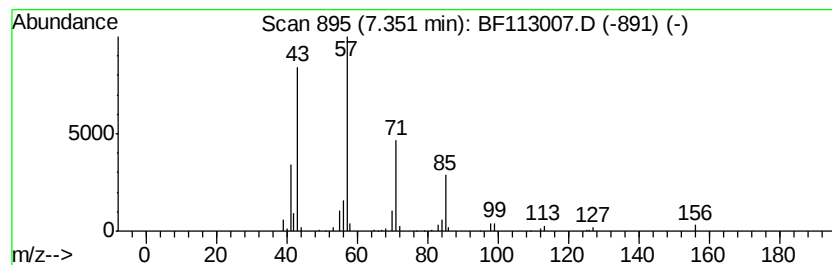
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	10.58 ng	644124	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Decane, 2-methyl-		156	C11H24	006975-98-0	80
4	Sulfurous acid, 2-propyl tetra...		320	C17H36O3S	1000309-12-5	78
5	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Sample : K1697-03 2X
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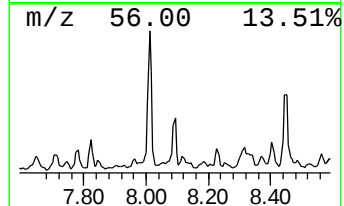
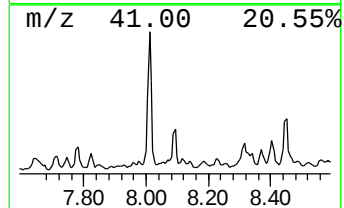
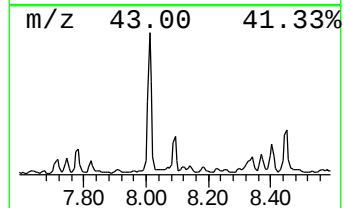
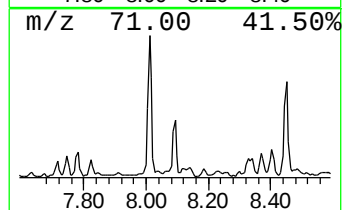
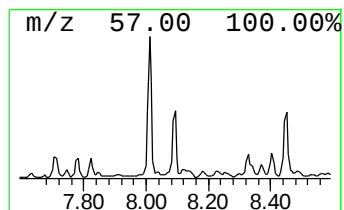
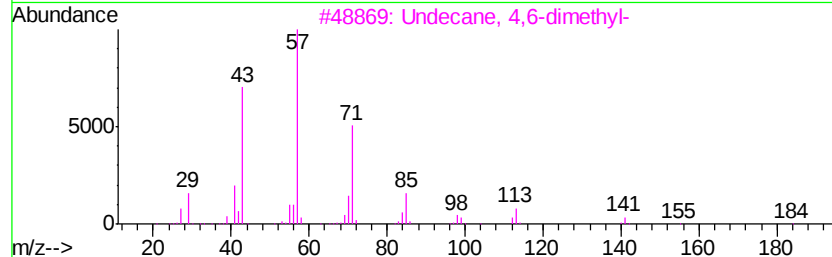
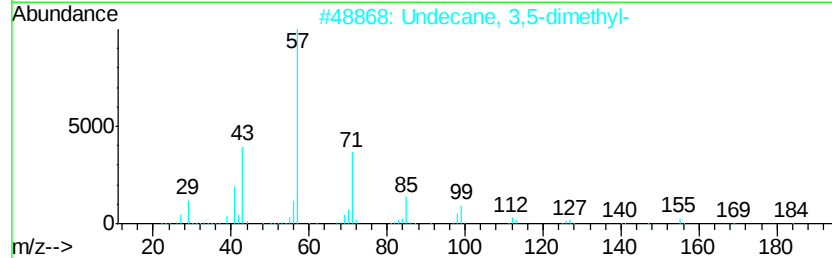
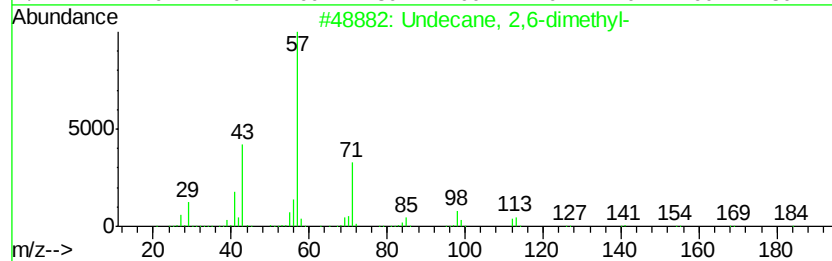
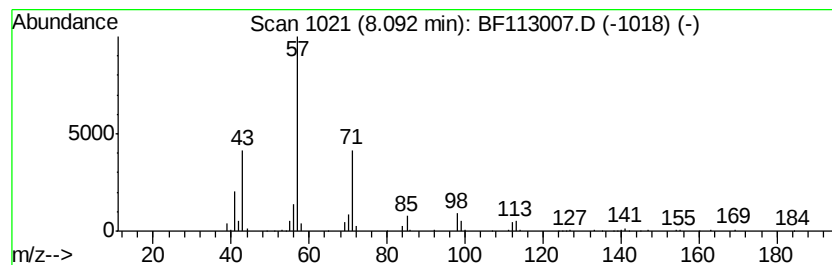
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	3.04 ng	403234	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
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Sample : K1697-03 2X
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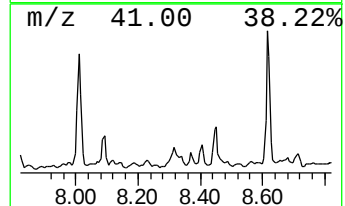
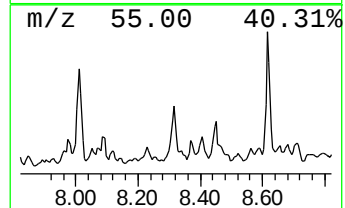
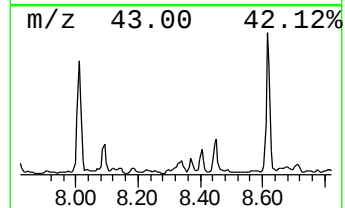
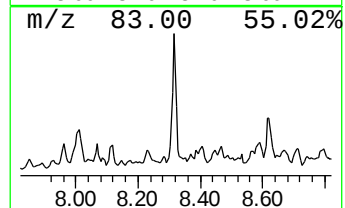
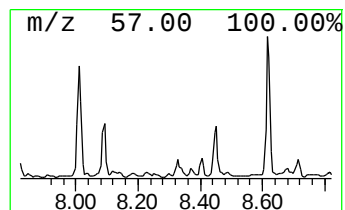
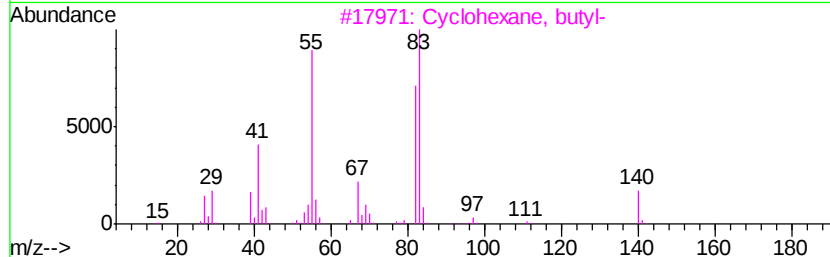
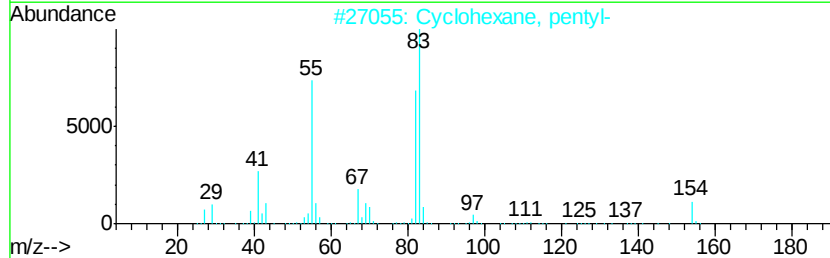
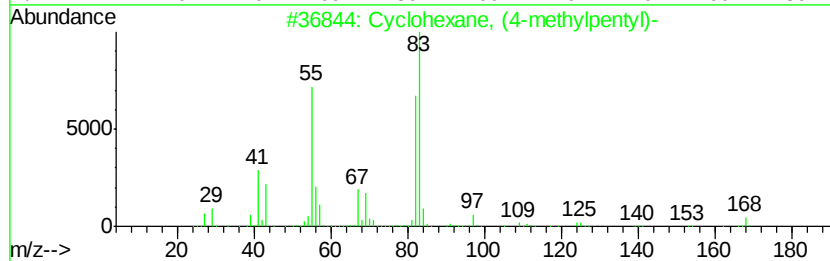
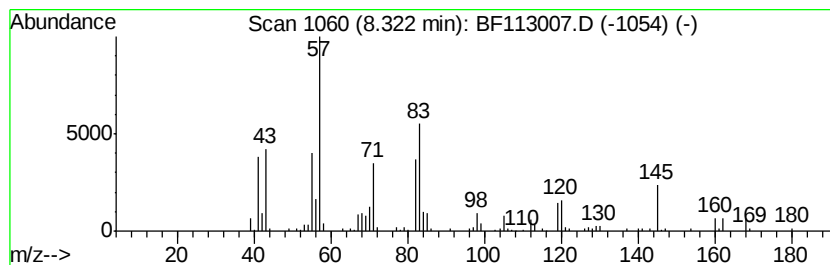
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.32	3.23 ng	428838	Napthalene-d8	8.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2	Cvclohexane, pentyl-	154	C11H22	004292-92-6	64
3	Cvclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cvclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Misc :
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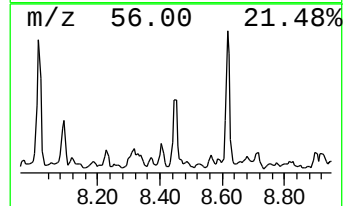
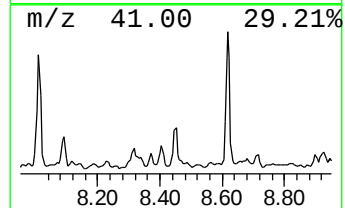
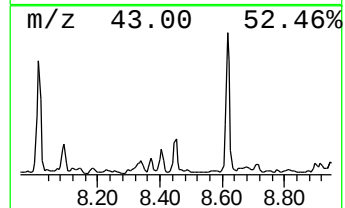
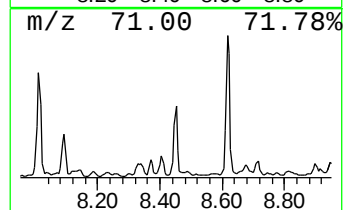
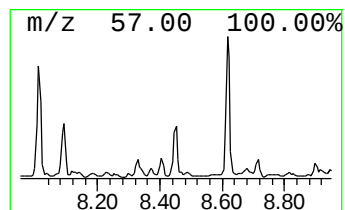
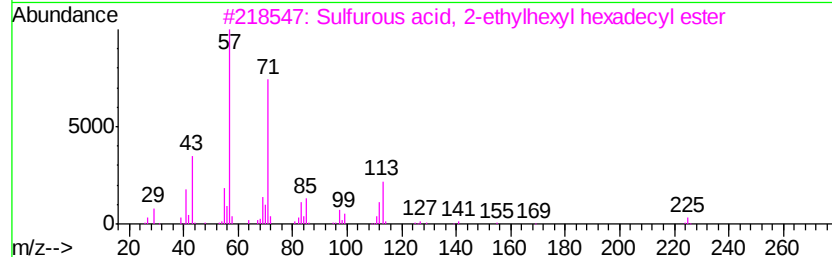
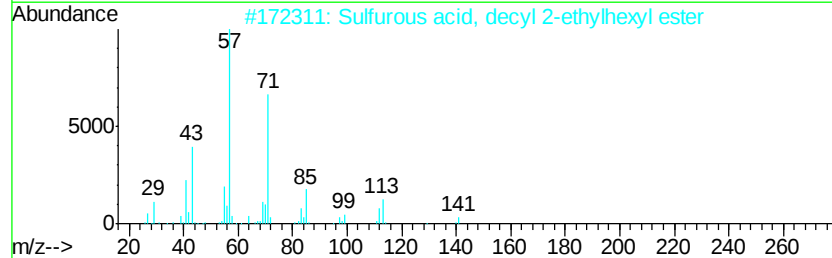
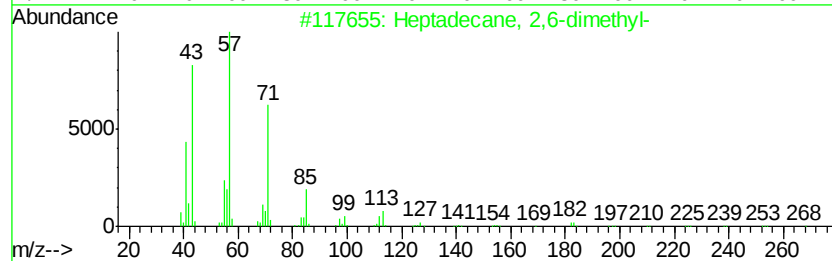
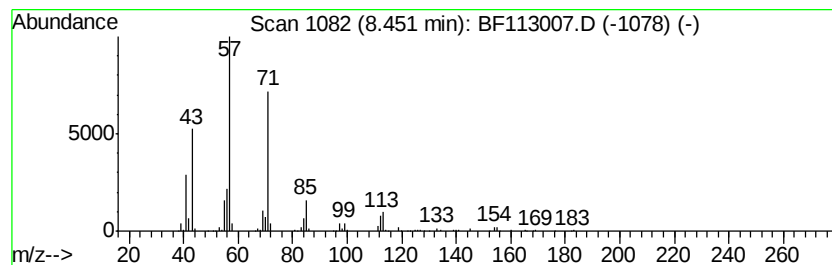
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.73 ng	627692	Naphthalene-d8	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	83
2	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	80
3	Sulfurous acid, 2-ethylhexyl hex...	418 C24H50O3S	1000309-19-9	80
4	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	64
5	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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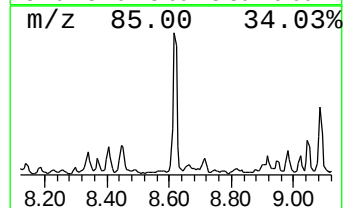
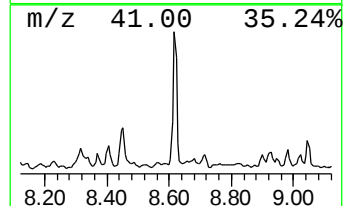
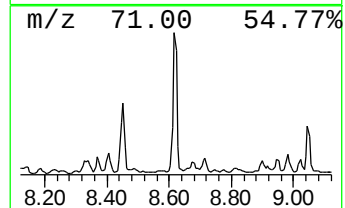
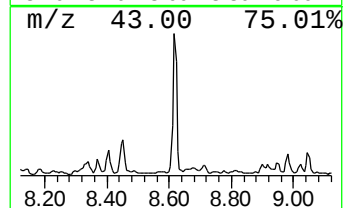
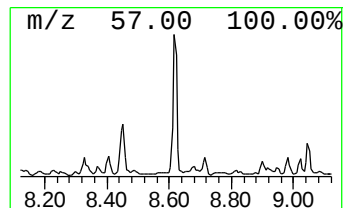
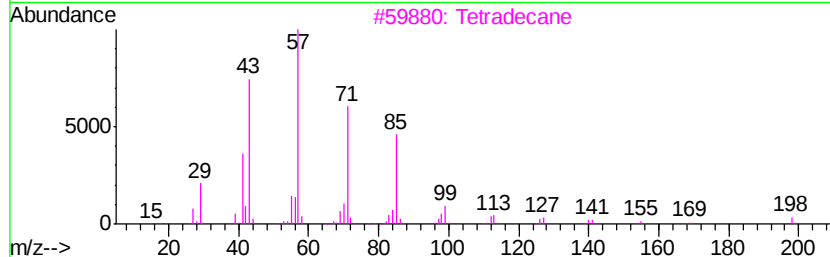
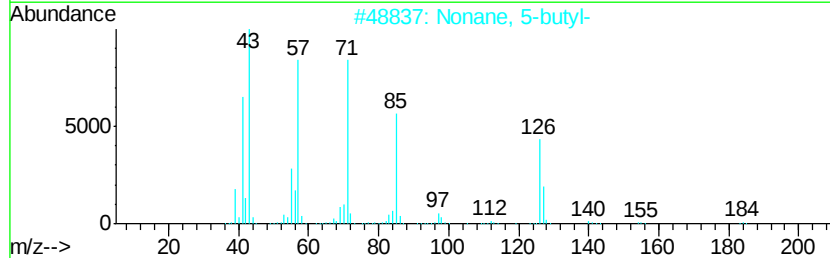
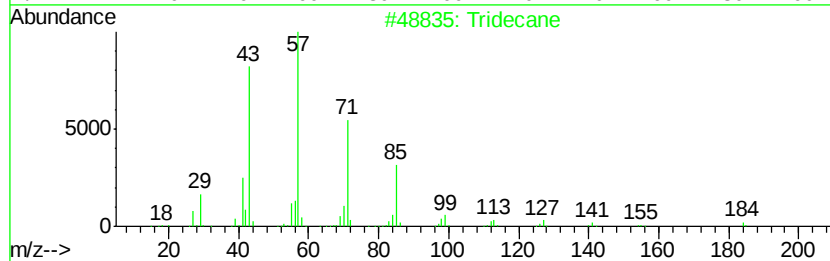
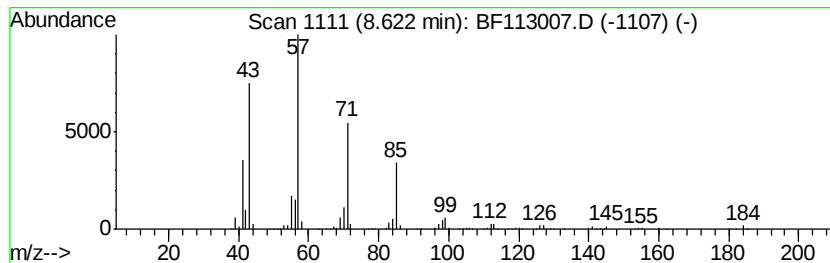
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	11.49 ng	1523360	Napthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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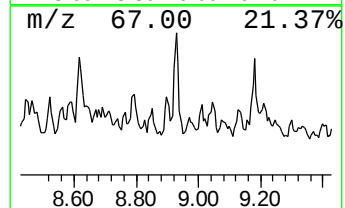
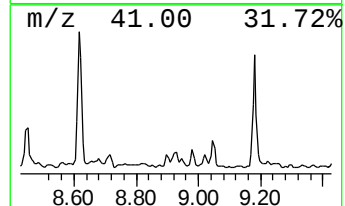
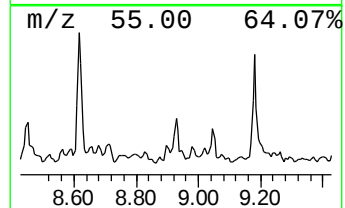
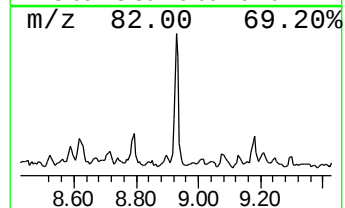
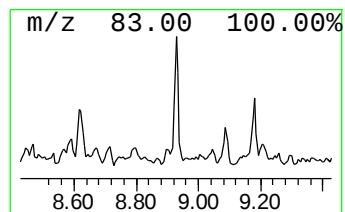
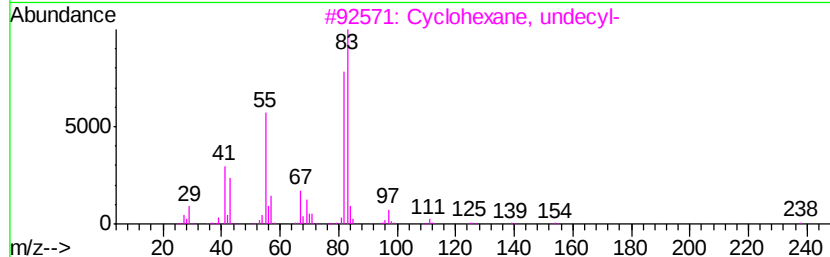
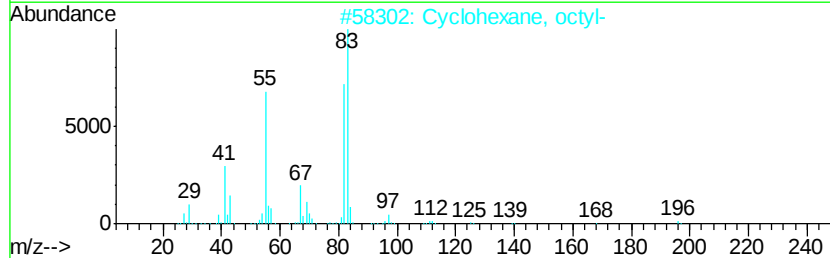
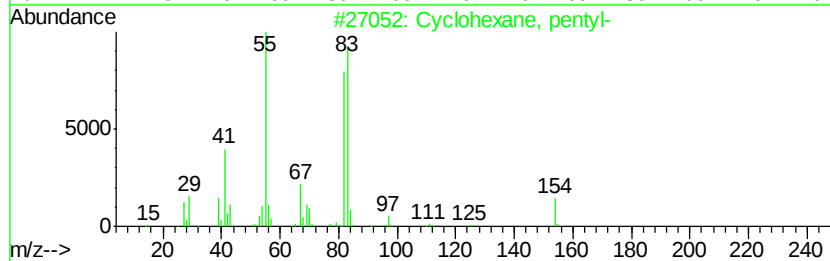
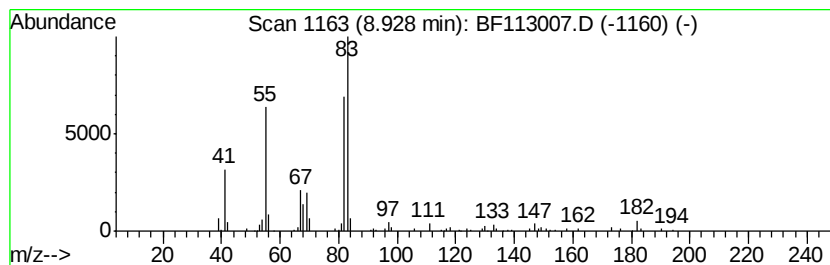
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	2.76 ng	213909	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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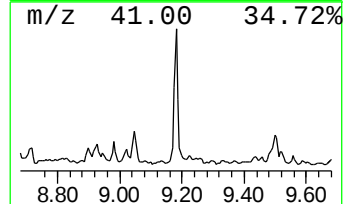
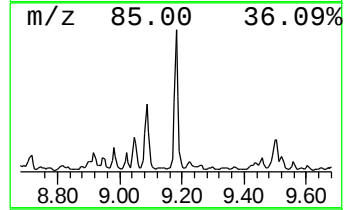
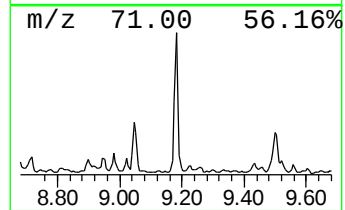
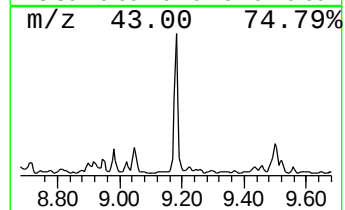
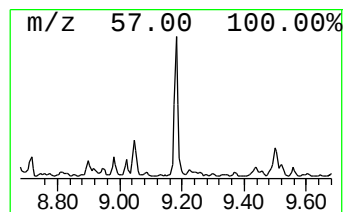
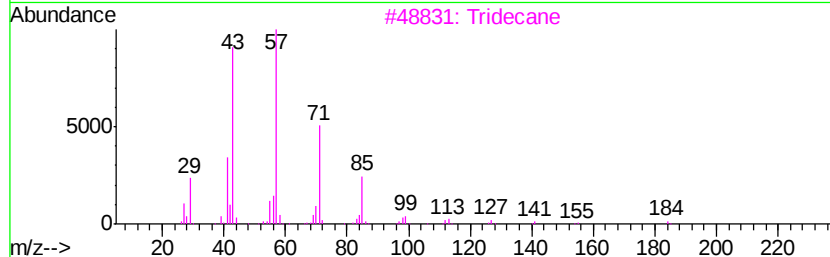
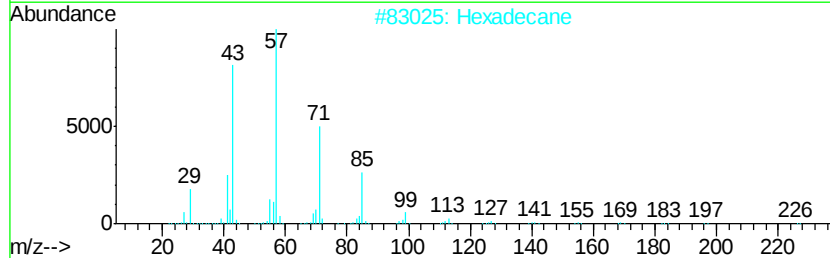
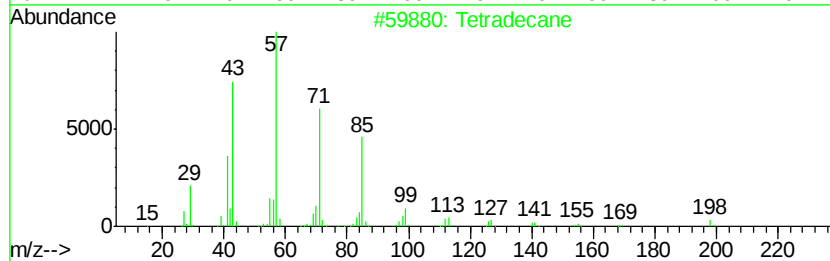
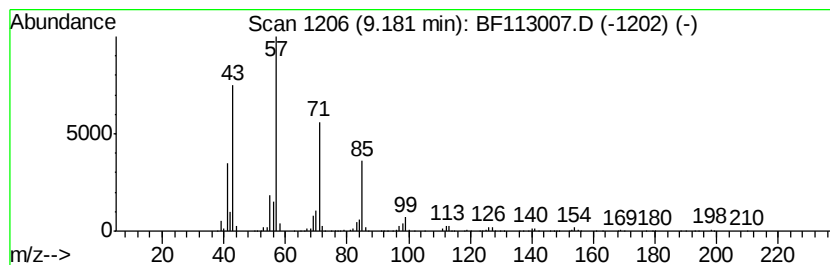
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	15.98 ng	1239500	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	78
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	68
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

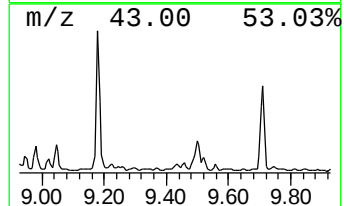
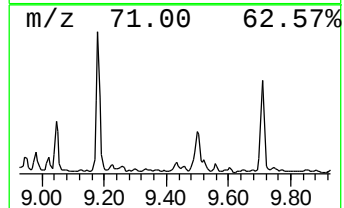
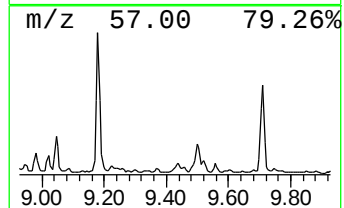
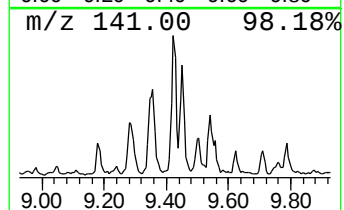
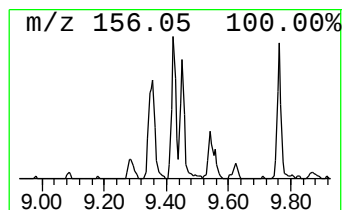
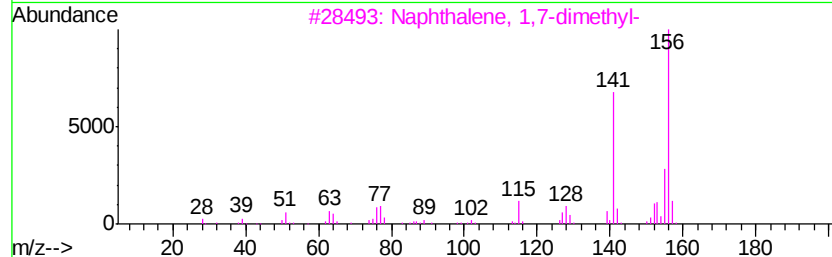
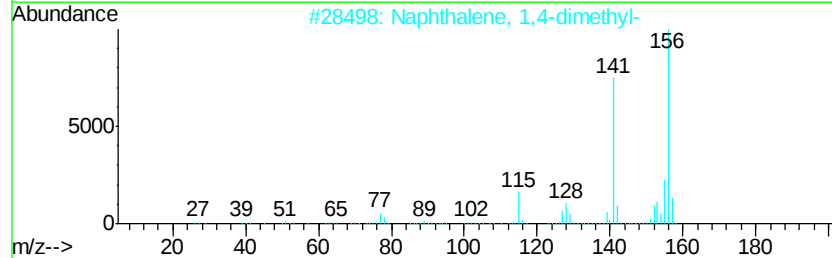
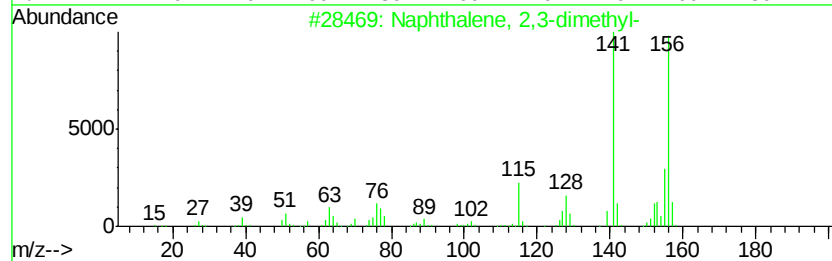
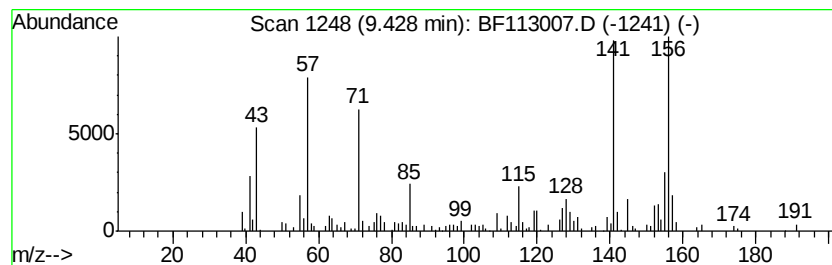
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.05 ng	236763	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
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Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
SU-03-031119-B

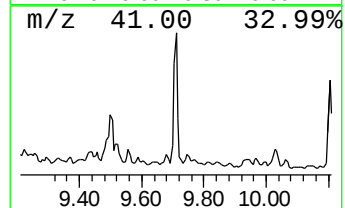
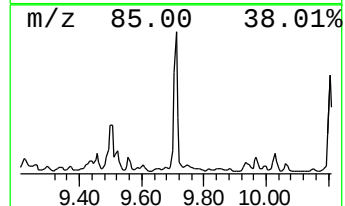
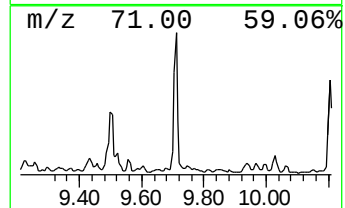
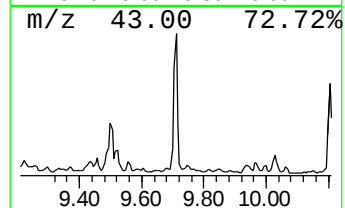
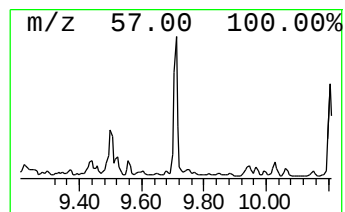
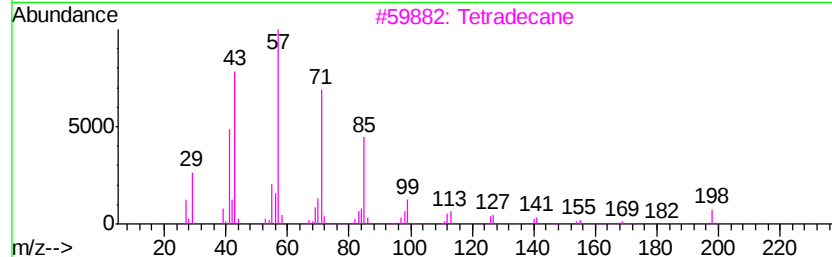
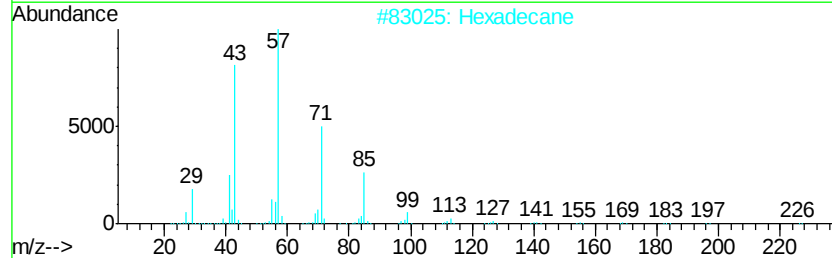
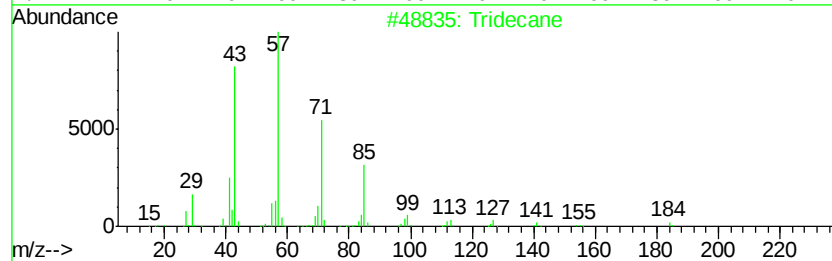
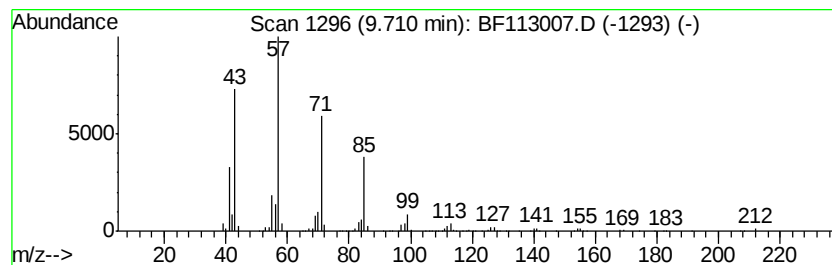
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.71 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	9.20 ng	713413	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Heptadecane	240	C17H36	000629-78-7	83
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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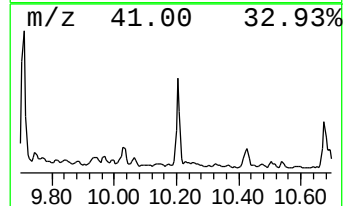
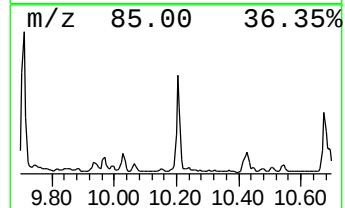
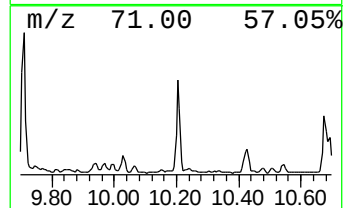
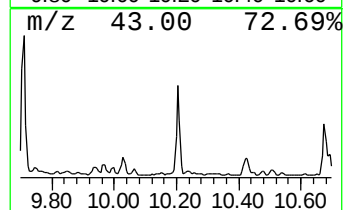
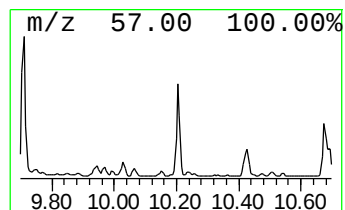
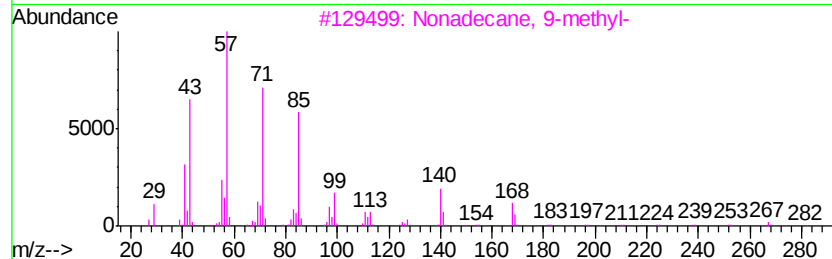
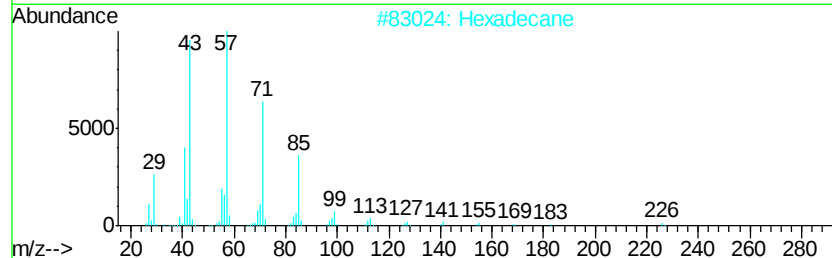
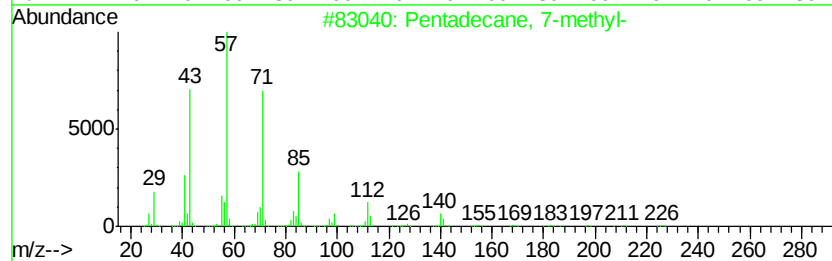
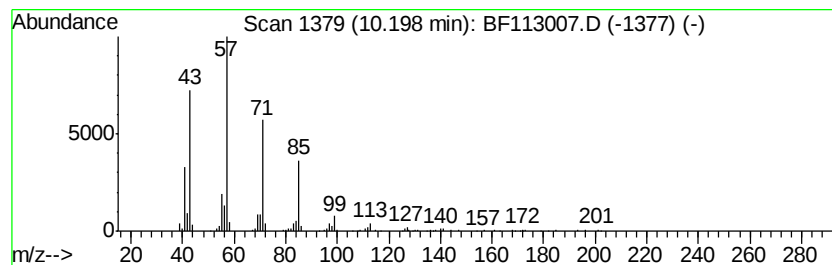
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.67 ng	439514	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4			Heptadecane	240	C17H36	000629-78-7	83
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
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Misc :
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Instrument :
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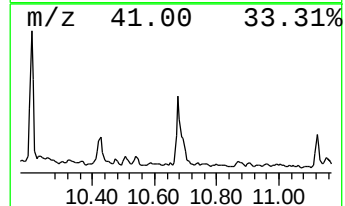
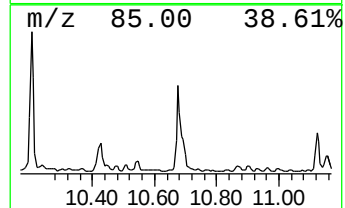
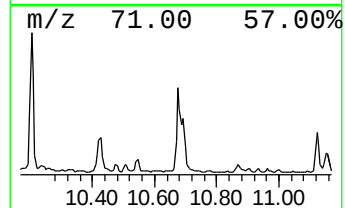
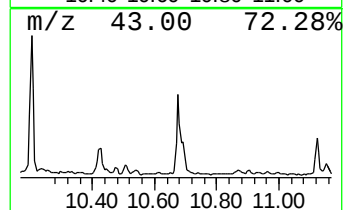
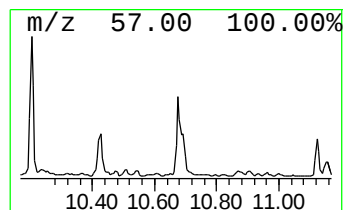
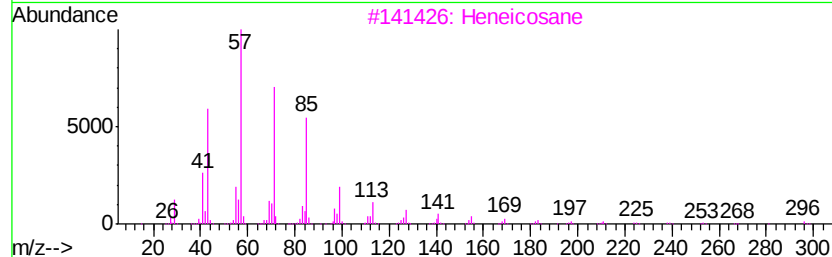
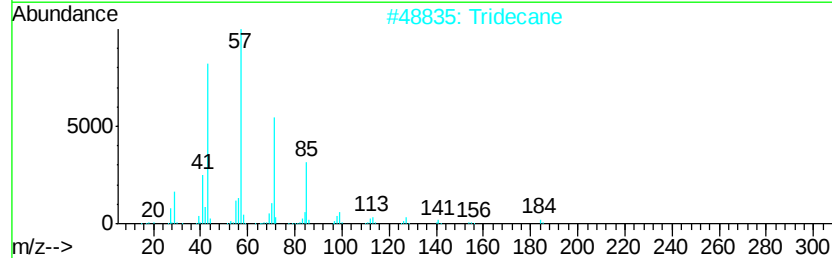
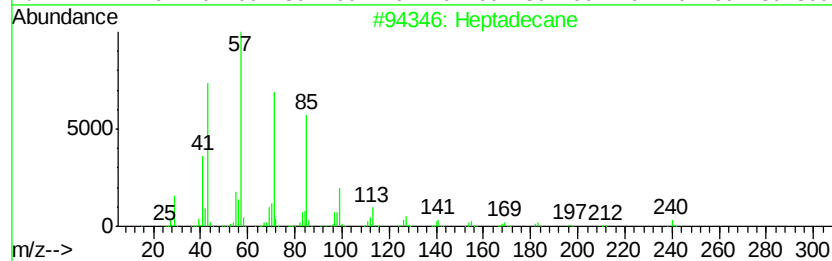
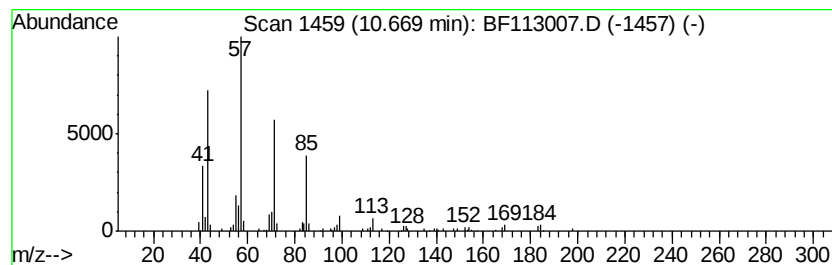
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	7.18 ng	447344	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	94
3		Heneicosane	296	C21H44	000629-94-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
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Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

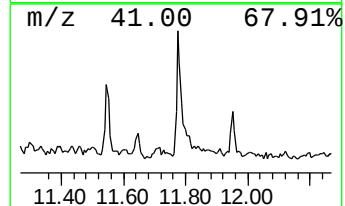
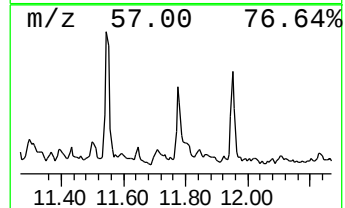
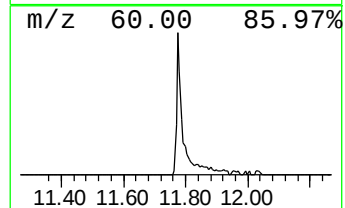
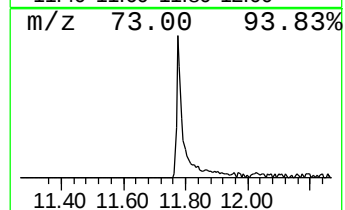
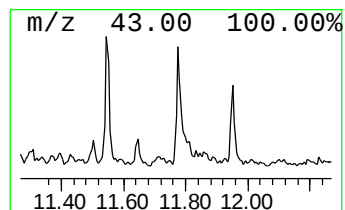
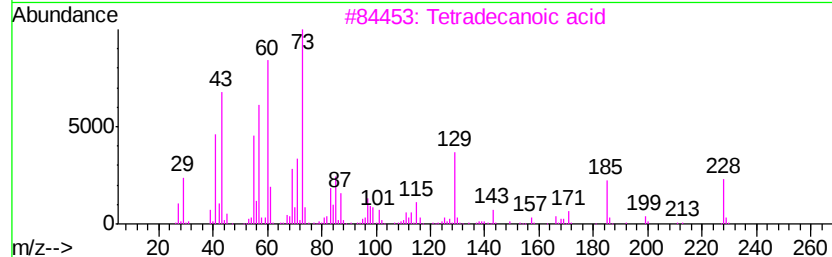
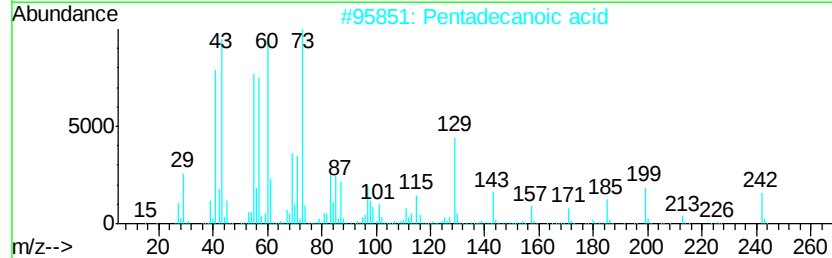
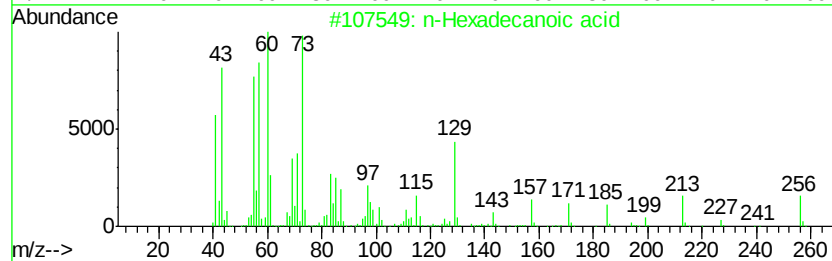
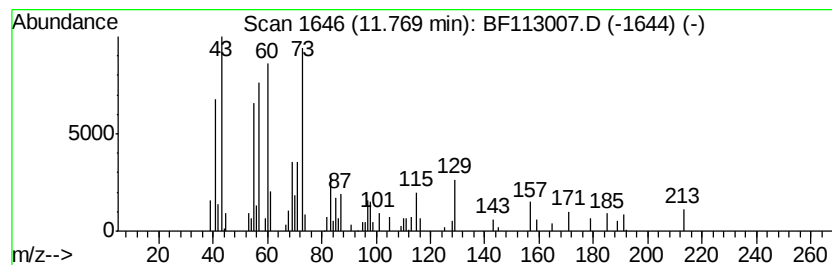
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	3.30 ng	205676	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Nonanoic acid	158	C9H18O2	000112-05-0	43



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ClientSampleId :
SU-03-031119-B

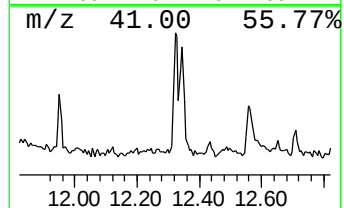
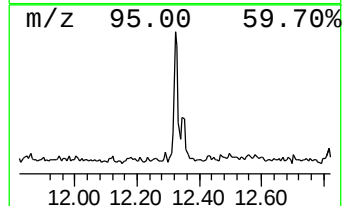
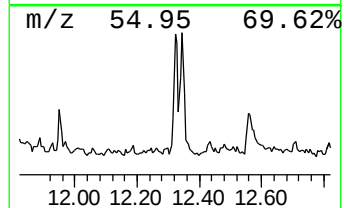
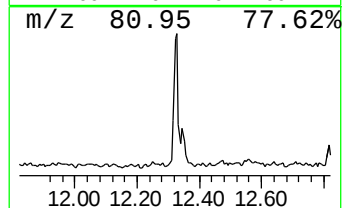
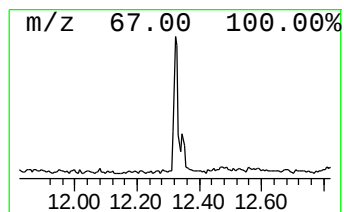
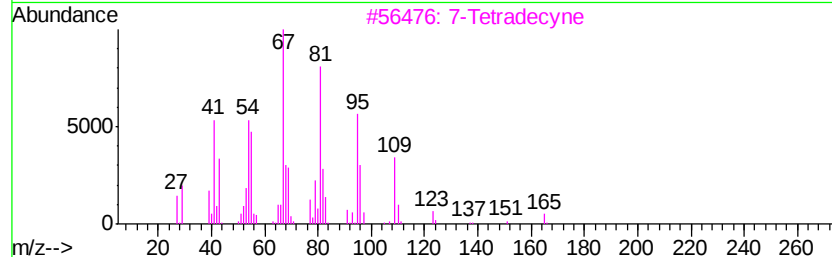
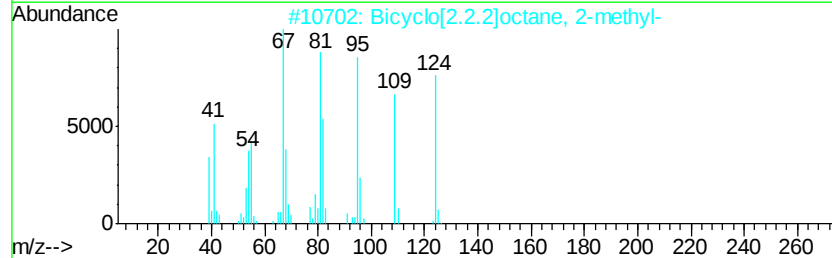
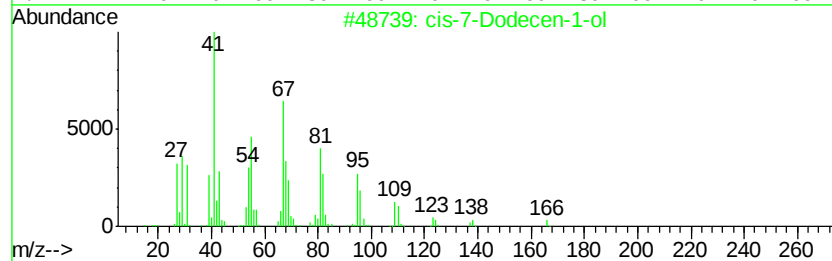
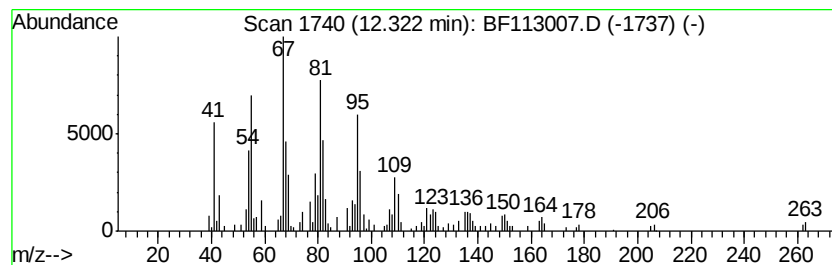
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 cis-7-Dodecen-1-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.44 ng	151652	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-7-Dodecen-1-ol	184	C12H24O	020056-92-2	90
2		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
3		7-Tetradecyne	194	C14H26	035216-11-6	80
4		11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	80
5		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

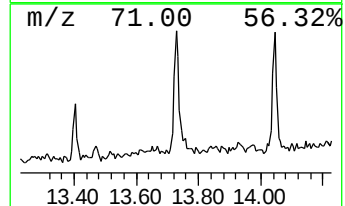
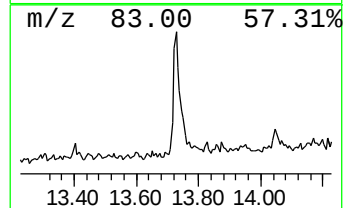
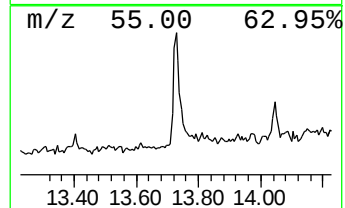
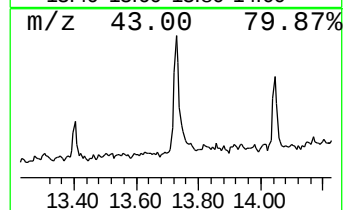
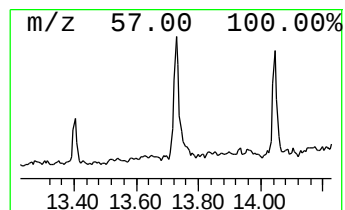
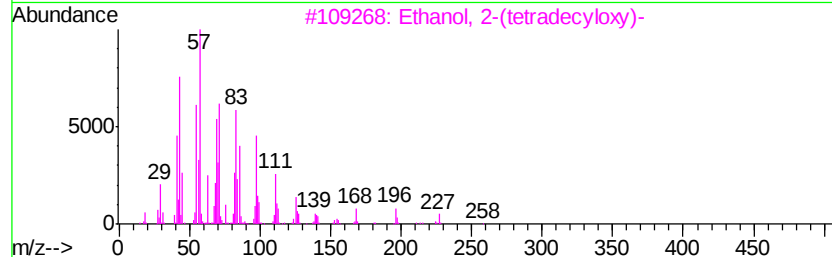
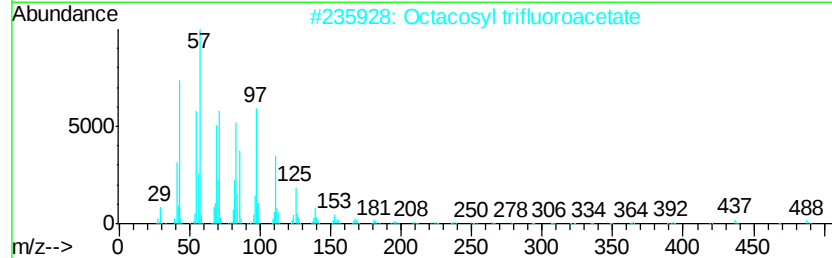
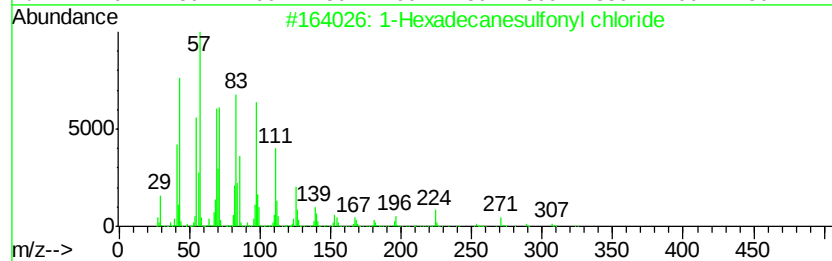
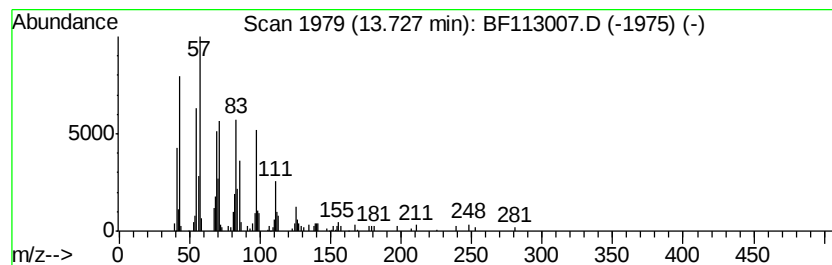
Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

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 1-Hexadecanesulfonyl chloride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.73	2.81 ng	198921	Chrysene-d12		13.86		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4			Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	83
5			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

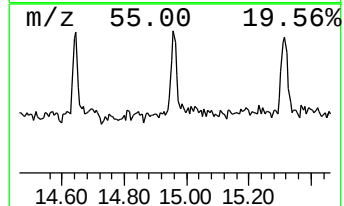
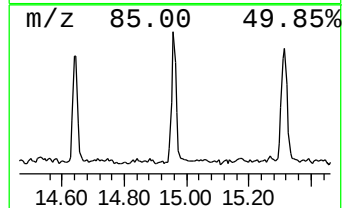
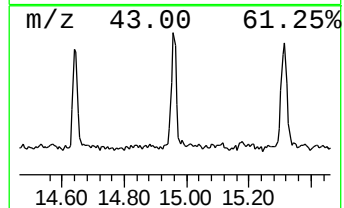
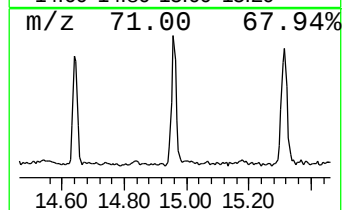
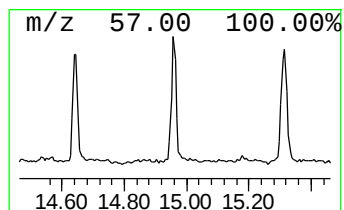
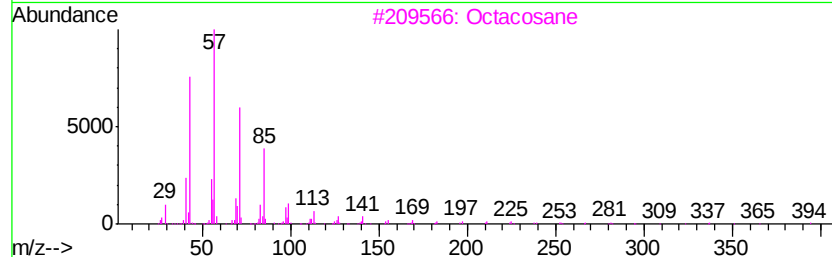
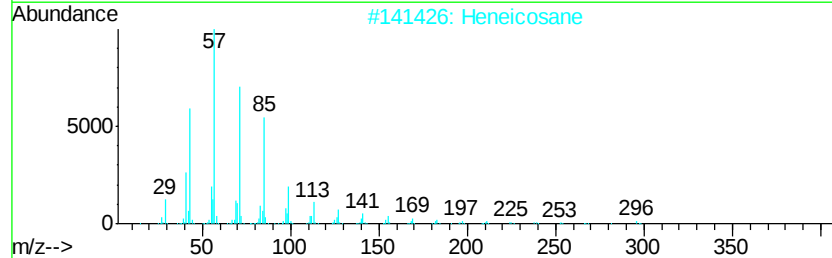
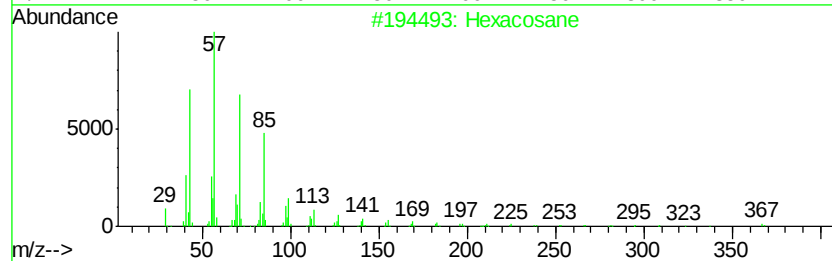
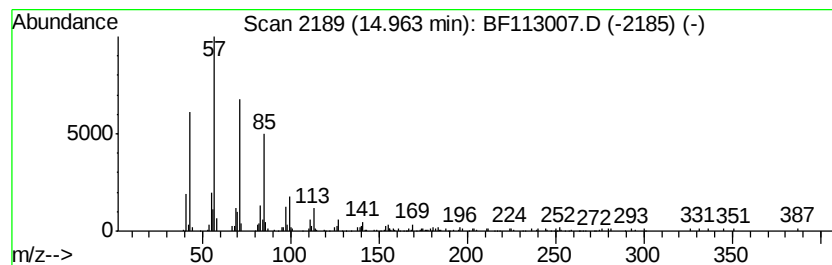
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.57 ng	172506	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Docosane	310	C22H46	000629-97-0	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113007.D
Acq On : 12 Mar 2019 17:14
Operator : JU/SJ
Sample : K1697-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-B

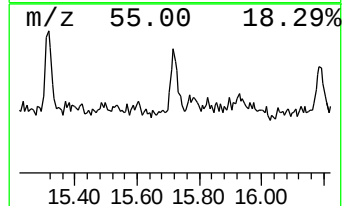
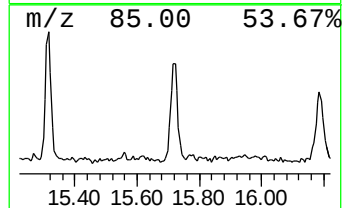
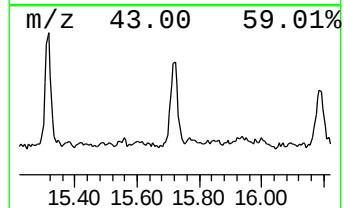
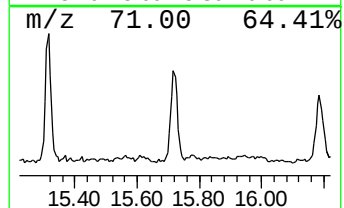
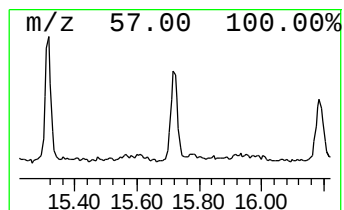
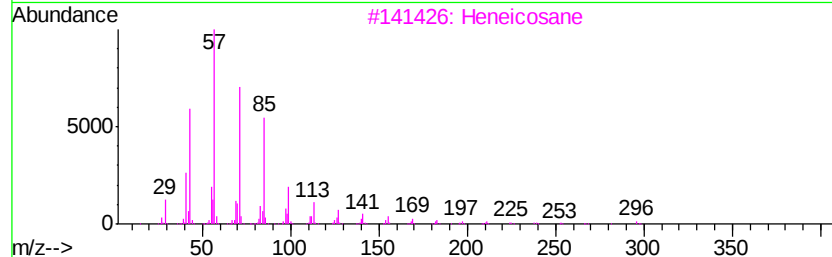
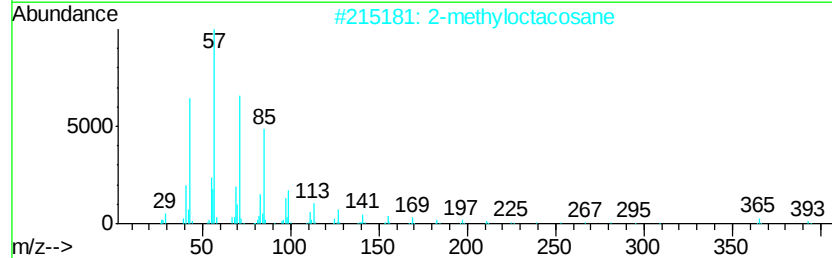
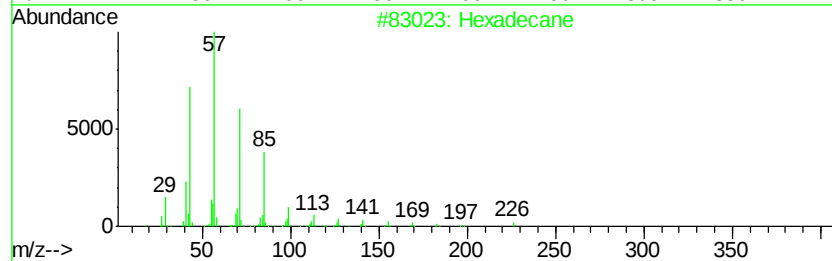
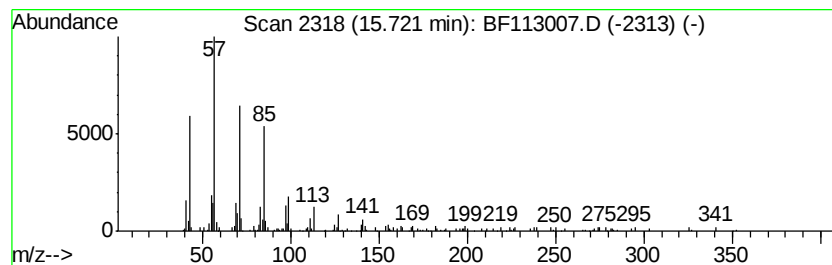
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.78 ng	186358	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		triacontane	422	C30H62	000638-68-6	90
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113007.D
 Acq On : 12 Mar 2019 17:14
 Operator : JU/SJ
 Sample : K1697-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-031119-B

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
unknown6.50	6.50	34.1	ng	2075880	1	6.73	1218180	20.0
Silane, trichloro...	6.58	3.2	ng	195364	1	6.73	1218180	20.0
unknown7.13	7.13	2.5	ng	149186	1	6.73	1218180	20.0
Undecane	7.35	10.6	ng	644124	1	6.73	1218180	20.0
Undecane, 2,6-dim...	8.09	3.0	ng	403234	2	8.02	2652700	20.0
Cyclohexane, (4-m...	8.32	3.2	ng	428838	2	8.02	2652700	20.0
Heptadecane, 2,6-...	8.45	4.7	ng	627692	2	8.02	2652700	20.0
Tridecane	8.62	11.5	ng	1523360	2	8.02	2652700	20.0
Cyclohexane, pentyl-	8.93	2.8	ng	213909	3	9.76	1551370	20.0
Tetradecane	9.18	16.0	ng	1239500	3	9.76	1551370	20.0
Naphthalene, 2,3-...	9.43	3.0	ng	236763	3	9.76	1551370	20.0
unknown9.71	9.71	9.2	ng	713413	3	9.76	1551370	20.0
Pentadecane, 7-me...	10.20	5.7	ng	439514	3	9.76	1551370	20.0
Heptadecane	10.67	7.2	ng	447344	4	11.24	1245340	20.0
n-Hexadecanoic acid	11.77	3.3	ng	205676	4	11.24	1245340	20.0
cis-7-Dodecen-1-ol	12.32	2.4	ng	151652	4	11.24	1245340	20.0
1-Hexadecanesulfo...	13.73	2.8	ng	198921	5	13.86	1414290	20.0
Hexacosane	14.96	2.6	ng	172506	6	15.27	1340790	20.0
Hexadecane	15.72	2.8	ng	186358	6	15.27	1340790	20.0