

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118506.D
 Acq On : 8 Jan 2020 18:53
 Operator : JU
 Sample : L1049-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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-BF010820.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	5.022	495	499	507	rBV	185811	206201	17.48%	1.279%
2	5.439	567	570	590	rBV	924459	969018	82.14%	6.011%
3	6.463	741	744	763	rBV	1196879	1130900	95.86%	7.015%
4	6.598	763	767	774	rVV	1470029	1179775	100.00%	7.318%
5	6.828	802	806	813	rBV	452357	404947	34.32%	2.512%
6	6.981	828	832	841	rBV	1059868	852598	72.27%	5.289%
7	7.392	898	902	911	rBV	765748	665682	56.42%	4.129%
8	8.116	1022	1025	1027	rBV	606752	531386	45.04%	3.296%
9	8.133	1027	1028	1031	rVB	42402	28219	2.39%	0.175%
10	8.533	1091	1096	1098	rBV	18214	17862	1.51%	0.111%
11	8.833	1144	1147	1150	rBV	29212	25237	2.14%	0.157%
12	8.927	1161	1163	1167	rBV	25812	23492	1.99%	0.146%
13	9.192	1204	1208	1211	rBV	1522017	1156047	97.99%	7.171%
14	9.269	1218	1221	1224	rBV	20174	16239	1.38%	0.101%
15	9.463	1250	1254	1258	rVB3	17137	20298	1.72%	0.126%
16	9.533	1263	1266	1269	rBV	37080	39093	3.31%	0.242%
17	9.586	1272	1275	1278	rVB	100377	82615	7.00%	0.512%
18	9.651	1283	1286	1288	rBV	18927	17382	1.47%	0.108%
19	9.739	1298	1301	1304	rBV2	35300	34684	2.94%	0.215%
20	9.798	1306	1311	1316	rVV3	29828	46407	3.93%	0.288%
21	9.874	1316	1324	1327	rVV	800822	673125	57.06%	4.175%
22	9.910	1327	1330	1333	rVB	39731	38688	3.28%	0.240%
23	10.080	1353	1359	1363	rBV2	44958	45369	3.85%	0.281%
24	10.121	1363	1366	1369	rBV2	20303	19881	1.69%	0.123%
25	10.192	1375	1378	1381	rBV2	21708	23285	1.97%	0.144%
26	10.221	1381	1383	1389	rVB4	15669	18152	1.54%	0.113%
27	10.280	1389	1393	1395	rBV4	26080	32407	2.75%	0.201%
28	10.304	1395	1397	1399	rVB2	33337	25154	2.13%	0.156%
29	10.427	1414	1418	1425	rBV3	45443	53638	4.55%	0.333%
30	10.516	1427	1433	1435	rVV5	13438	19920	1.69%	0.124%
31	10.586	1439	1445	1448	rBV4	23874	31250	2.65%	0.194%
32	10.669	1456	1459	1470	rVB	967457	886079	75.11%	5.496%
33	10.786	1475	1479	1483	rBV3	50995	77820	6.60%	0.483%
34	10.974	1508	1511	1515	rBV6	21484	29743	2.52%	0.184%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.104	1529	1533	1535	rBV2	26625	30917	2.62%	0.192%
36	11.180	1542	1546	1550	rBV2	22709	31359	2.66%	0.195%
37	11.227	1550	1554	1556	rVV2	36551	42512	3.60%	0.264%
38	11.268	1556	1561	1565	rVB3	20771	34047	2.89%	0.211%
39	11.368	1575	1578	1581	rBV	701393	637447	54.03%	3.954%
40	11.392	1581	1582	1586	rVV	273086	205781	17.44%	1.276%
41	11.451	1588	1592	1594	rVB	47924	45649	3.87%	0.283%
42	11.486	1594	1598	1600	rBV5	11906	16859	1.43%	0.105%
43	11.610	1614	1619	1624	rBV3	27293	49439	4.19%	0.307%
44	11.651	1624	1626	1630	rVB2	32858	34697	2.94%	0.215%
45	11.874	1661	1664	1665	rBV	50276	39733	3.37%	0.246%
46	11.898	1665	1668	1674	rVV2	123821	175759	14.90%	1.090%
47	11.951	1675	1677	1679	rVV	31217	32278	2.74%	0.200%
48	11.986	1680	1683	1686	rVV	91093	107909	9.15%	0.669%
49	12.010	1686	1687	1689	rVV	50979	28684	2.43%	0.178%
50	12.063	1693	1696	1699	rBV2	31661	32561	2.76%	0.202%
51	12.110	1701	1704	1707	rVB5	15677	16611	1.41%	0.103%
52	12.168	1712	1714	1717	rBV	41283	38193	3.24%	0.237%
53	12.210	1718	1721	1725	rVB4	18526	24371	2.07%	0.151%
54	12.351	1743	1745	1748	rBV2	19648	16670	1.41%	0.103%
55	12.427	1755	1758	1760	rBV	50006	43050	3.65%	0.267%
56	12.457	1760	1763	1766	rVV4	26769	39909	3.38%	0.248%
57	12.486	1766	1768	1770	rVB	25547	18257	1.55%	0.113%
58	12.521	1770	1774	1777	rBV2	28190	37164	3.15%	0.231%
59	12.592	1782	1786	1789	rBV	382490	318660	27.01%	1.977%
60	12.680	1799	1801	1808	rVB6	40018	57185	4.85%	0.355%
61	12.745	1808	1812	1814	rBV2	18316	23748	2.01%	0.147%
62	12.821	1822	1825	1831	rVB	316893	294665	24.98%	1.828%
63	12.874	1831	1834	1838	rVB2	30584	30582	2.59%	0.190%
64	12.957	1844	1848	1852	rBV	1245498	1061712	89.99%	6.586%
65	12.986	1852	1853	1858	rVB3	18556	16592	1.41%	0.103%
66	13.033	1858	1861	1862	rBV	35130	29807	2.53%	0.185%
67	13.127	1874	1877	1878	rBV2	24926	23386	1.98%	0.145%
68	13.151	1879	1881	1884	rVV	59315	51795	4.39%	0.321%
69	13.186	1884	1887	1890	rVV5	18575	21148	1.79%	0.131%
70	13.221	1890	1893	1895	rVV	44535	37184	3.15%	0.231%
71	13.257	1896	1899	1903	rVB2	37658	39661	3.36%	0.246%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	13.351	1913	1915	1917	rVB	32047	22424	1.90%	0.139%
73	13.380	1918	1920	1927	rBV3	28882	36920	3.13%	0.229%
74	13.527	1943	1945	1947	rVB2	33768	31016	2.63%	0.192%
75	13.557	1947	1950	1951	rBV3	23780	20533	1.74%	0.127%
76	13.668	1967	1969	1972	rVB	42008	38315	3.25%	0.238%
77	13.827	1994	1996	1998	rBV	17517	19218	1.63%	0.119%
78	13.857	1998	2001	2004	rBV2	99005	114449	9.70%	0.710%
79	14.027	2025	2030	2033	rBV2	619938	702862	59.58%	4.360%
80	14.051	2033	2034	2037	rVB	156575	108330	9.18%	0.672%
81	14.174	2053	2055	2062	rVB5	38102	47612	4.04%	0.295%
82	14.415	2094	2096	2098	rVB	37177	28066	2.38%	0.174%
83	14.480	2104	2107	2111	rBV4	57980	71424	6.05%	0.443%
84	14.786	2156	2159	2165	rBV	60249	71638	6.07%	0.444%
85	15.080	2205	2209	2214	rBV	167181	310101	26.28%	1.924%
86	15.386	2257	2261	2268	rVB	137978	216339	18.34%	1.342%
87	15.451	2268	2272	2276	rBV	135817	176382	14.95%	1.094%
88	15.509	2278	2282	2287	rBV	470390	620452	52.59%	3.849%
89	15.945	2352	2356	2362	rBV3	72181	101829	8.63%	0.632%
90	17.015	2533	2538	2546	rBV3	55315	118731	10.06%	0.736%
91	17.468	2612	2615	2621	rVB	34779	56322	4.77%	0.349%

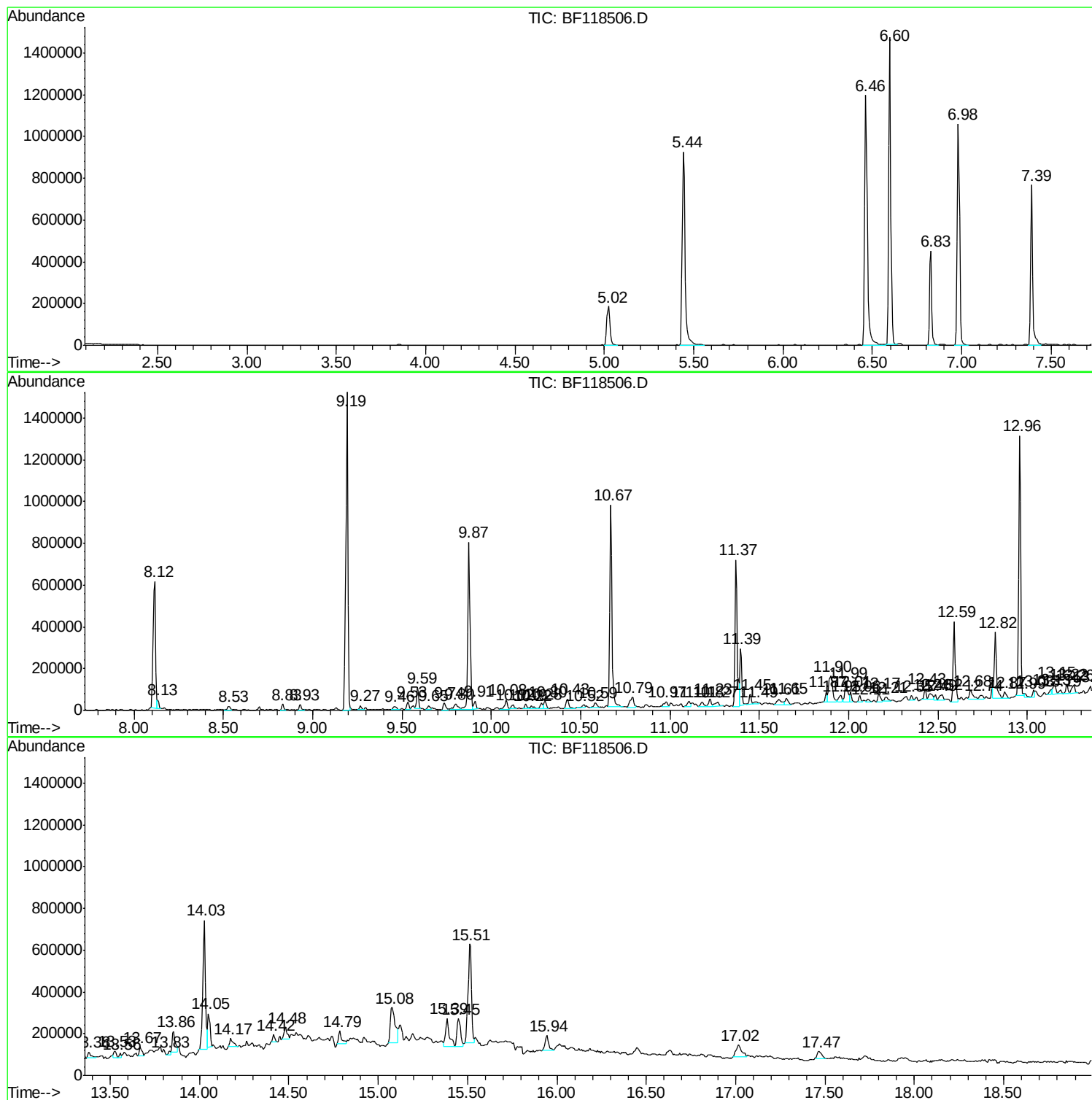
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ClientSampled :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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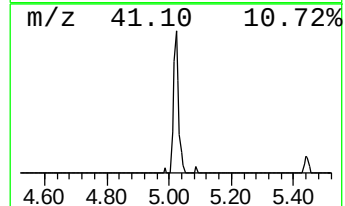
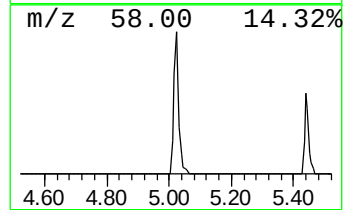
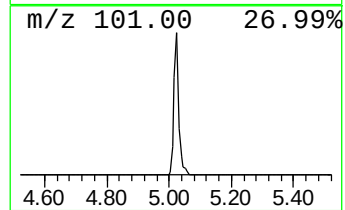
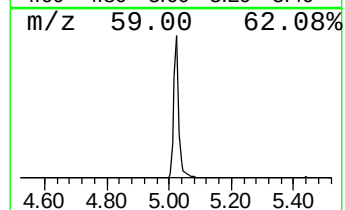
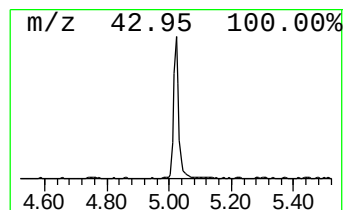
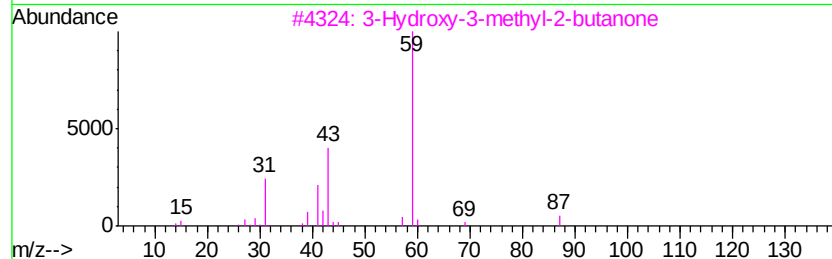
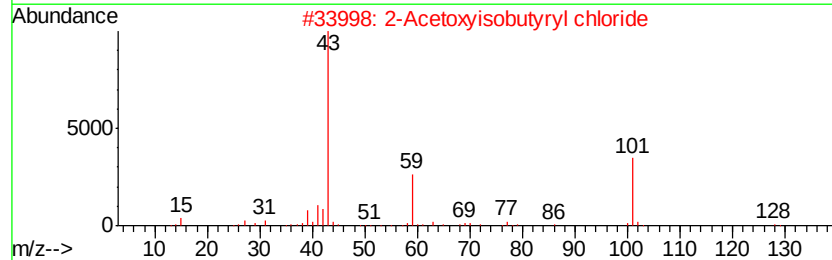
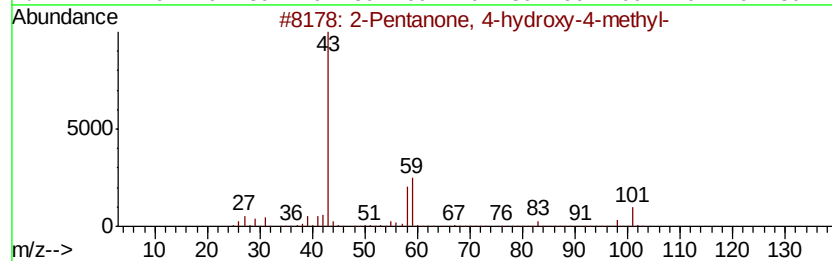
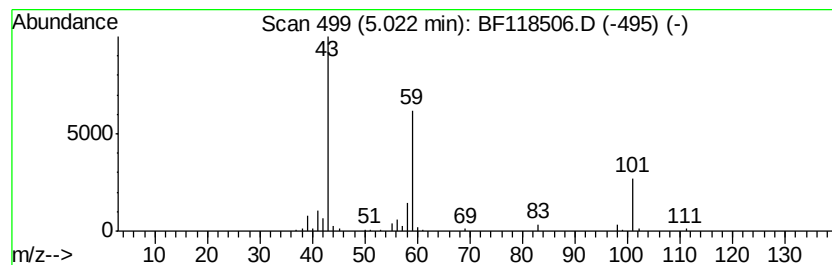
Instrument :
BNA_F
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TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.02	10.18 ng	206201	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Acetoxyisobutryl chloride	164	C6H9ClO3	040635-66-3	59
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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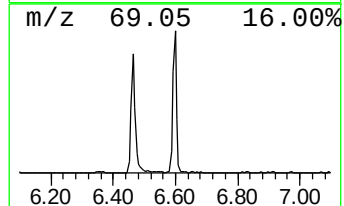
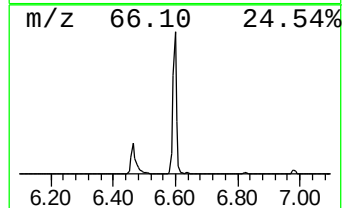
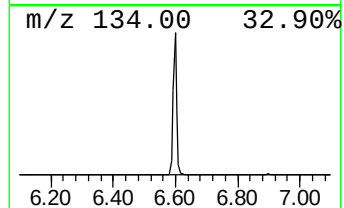
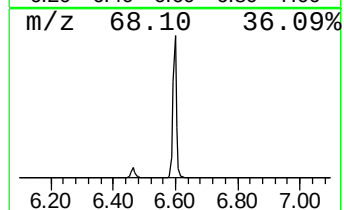
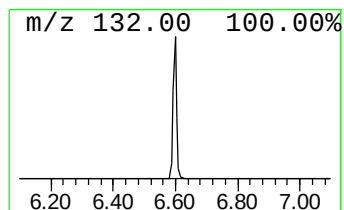
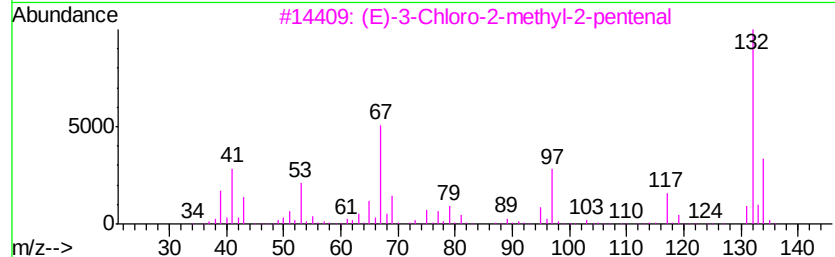
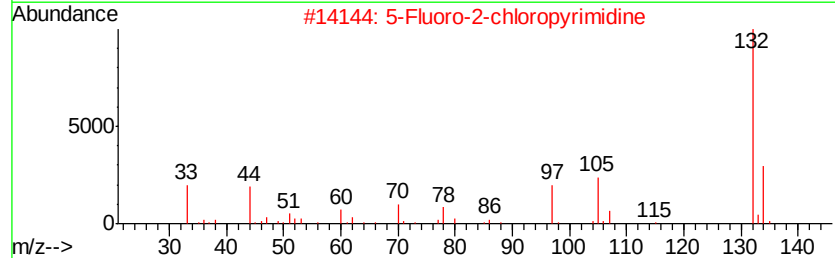
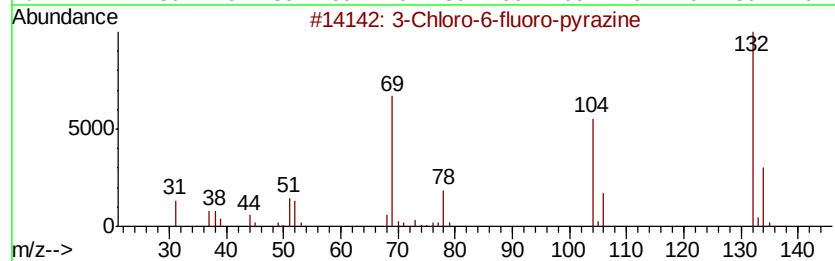
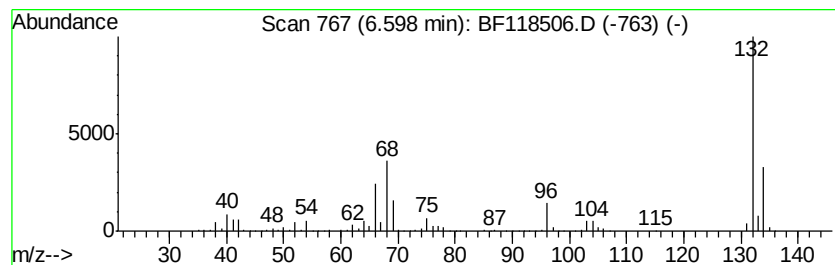
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	58.27 ng	1179780	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25	
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16	
5	5-Aminoindole	132	C8H8N2	005192-03-0	16	



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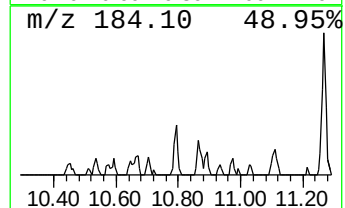
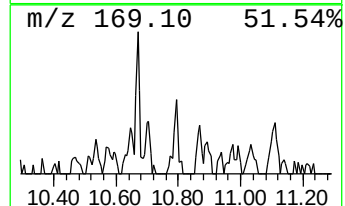
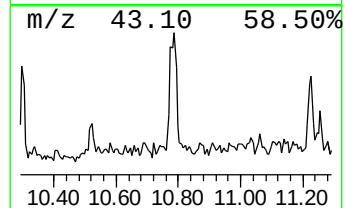
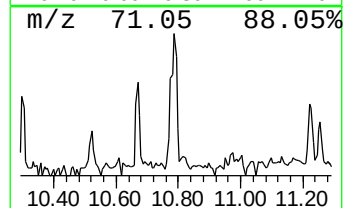
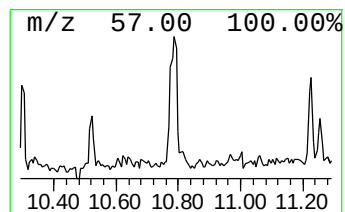
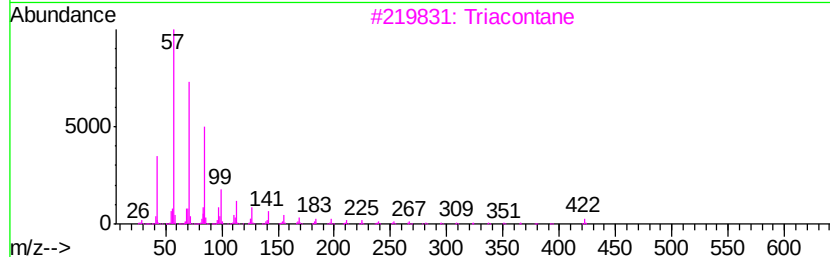
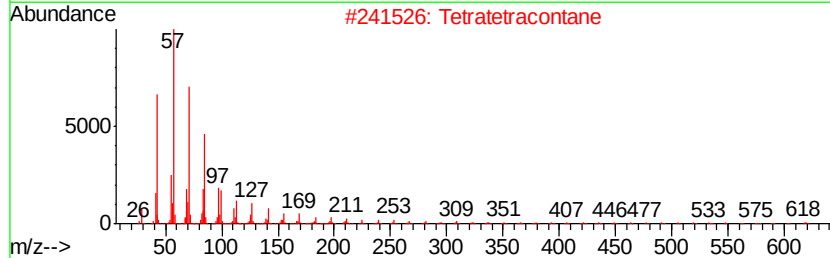
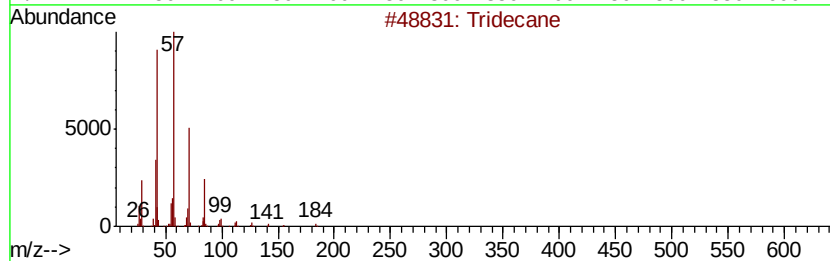
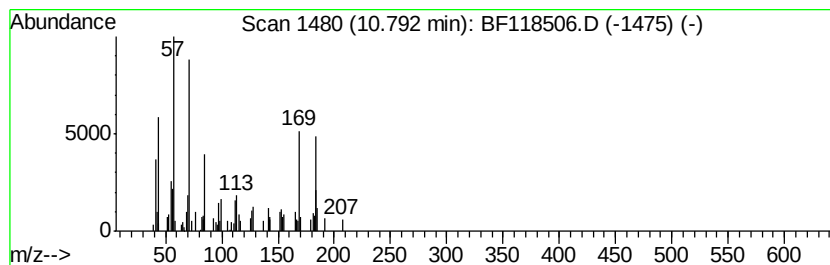
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.44 ng	77820	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	70
2	Tetratetracontane		619	C44H90	007098-22-8	52
3	Triacontane		422	C30H62	000638-68-6	52
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	50
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	49



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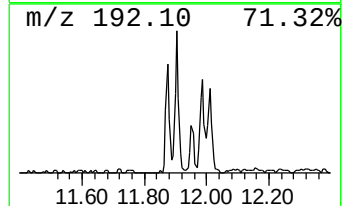
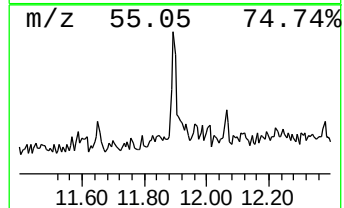
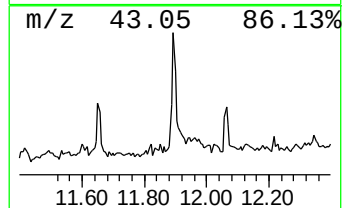
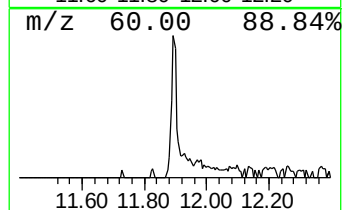
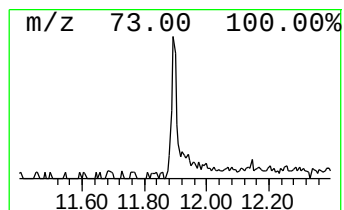
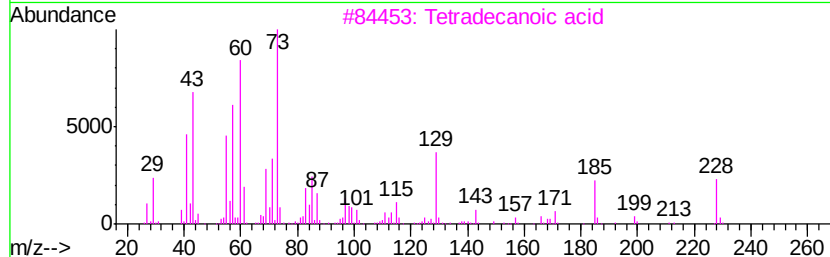
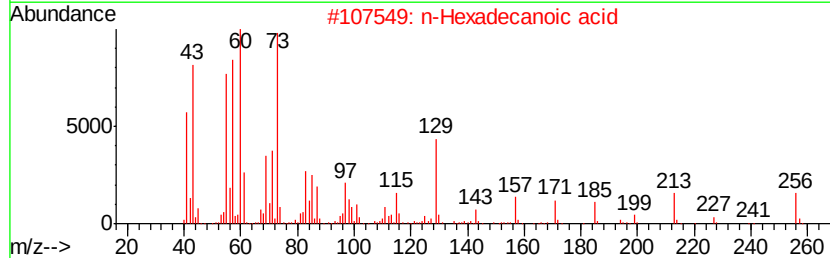
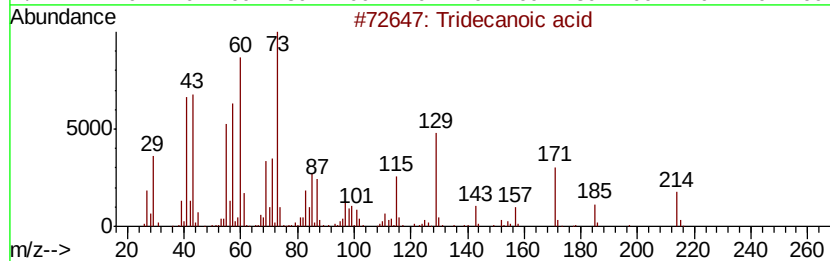
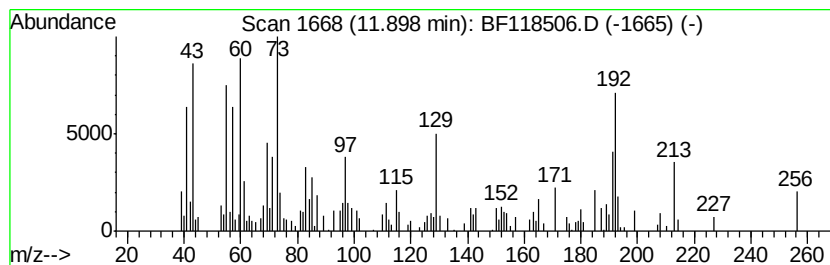
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.51 ng	175759	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5		n-Decanoic acid	172	C10H20O2	000334-48-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118506.D
Acq On : 8 Jan 2020 18:53
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Sample : L1049-01
Misc :
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ClientSampleId :
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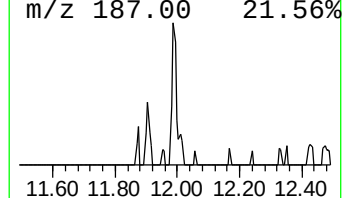
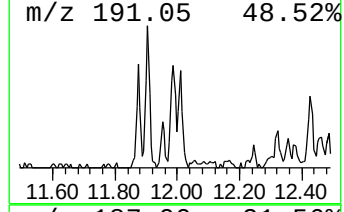
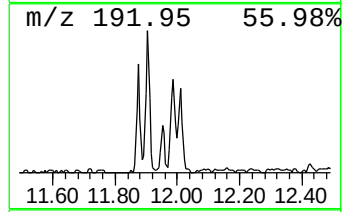
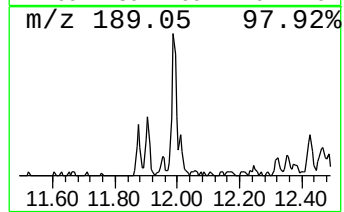
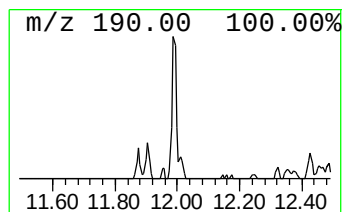
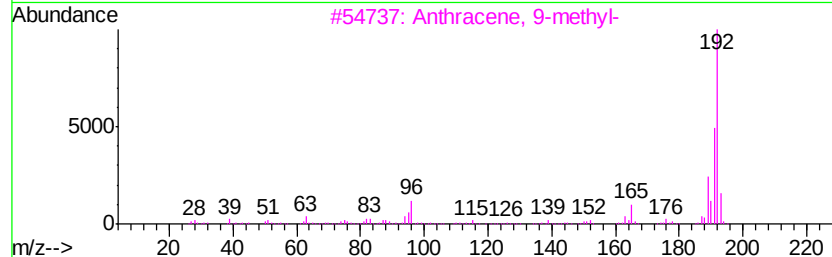
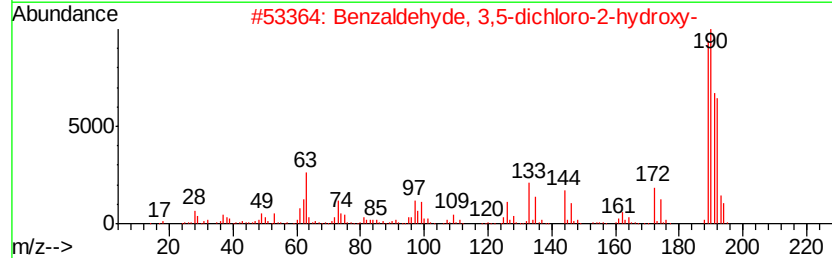
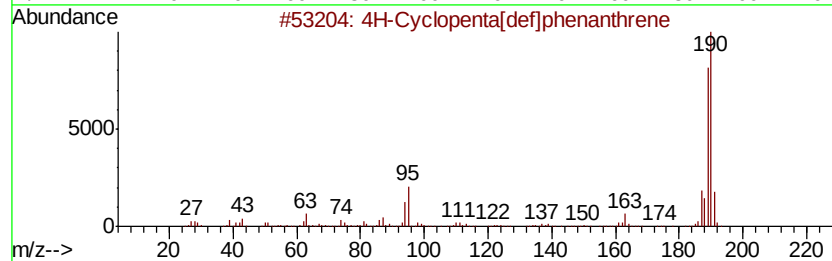
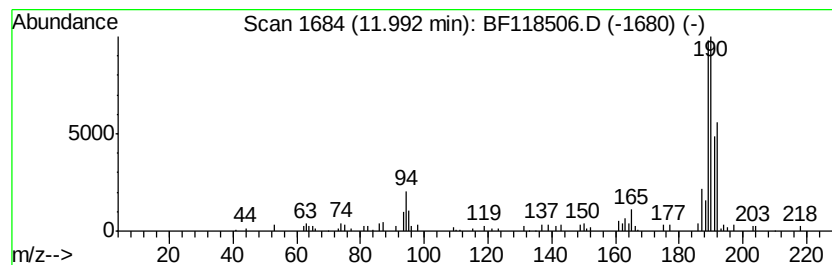
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.39 ng	107909	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	43
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118506.D
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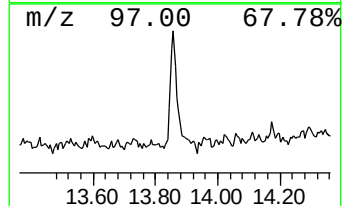
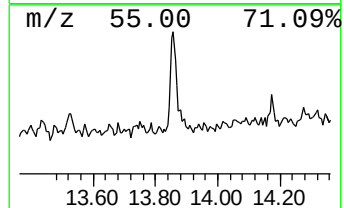
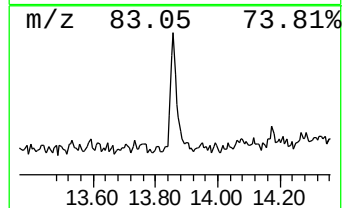
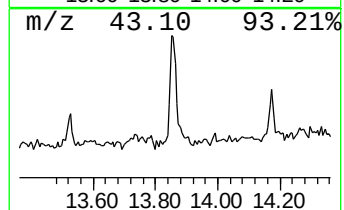
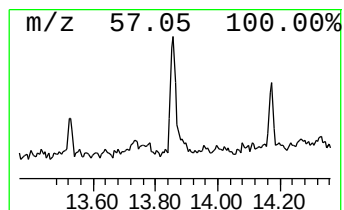
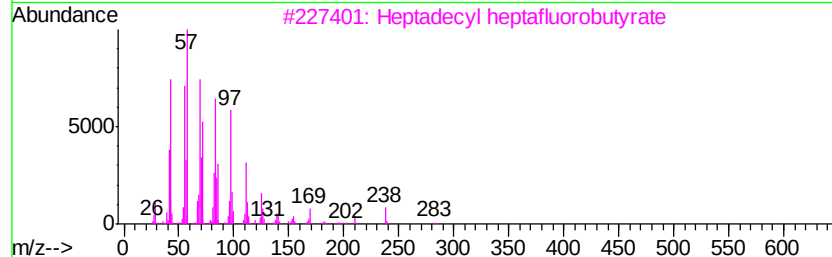
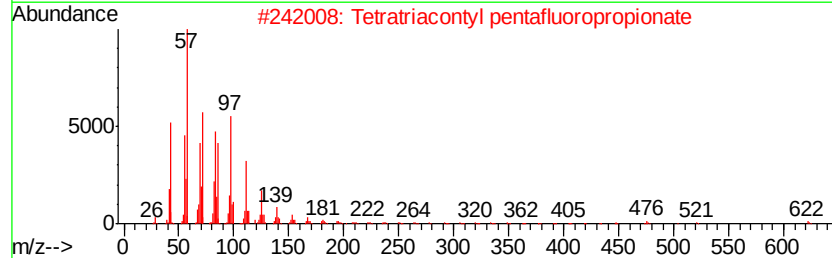
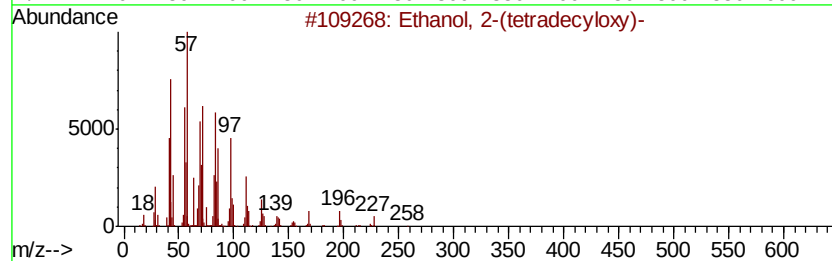
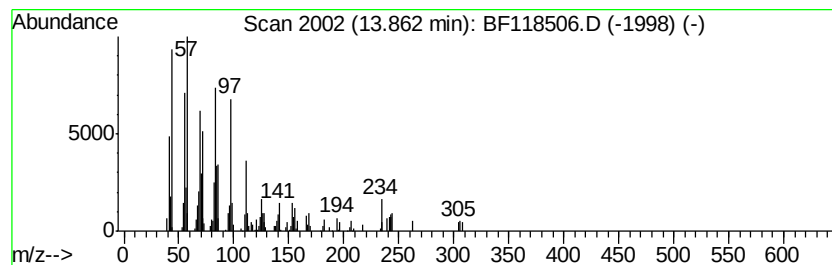
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.26 ng	114449	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
2		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	74
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	68
4		Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	68
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118506.D
Acq On : 8 Jan 2020 18:53
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ClientSampleId :
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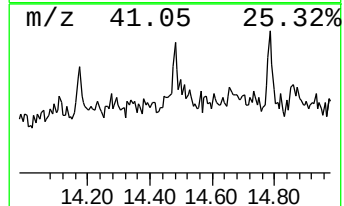
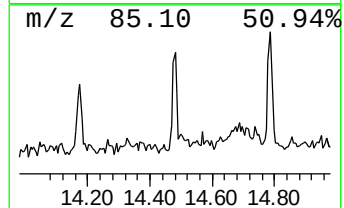
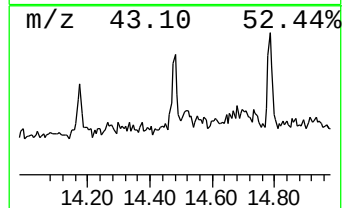
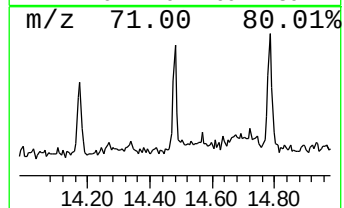
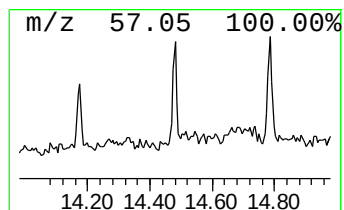
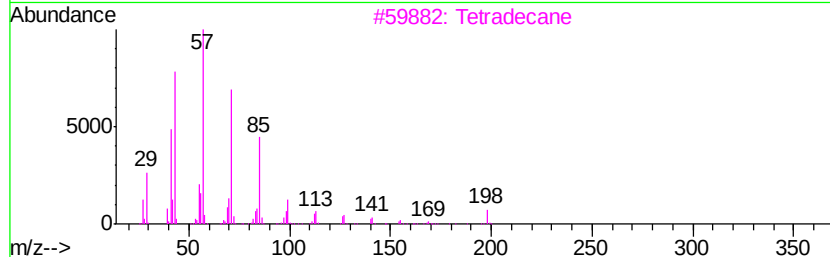
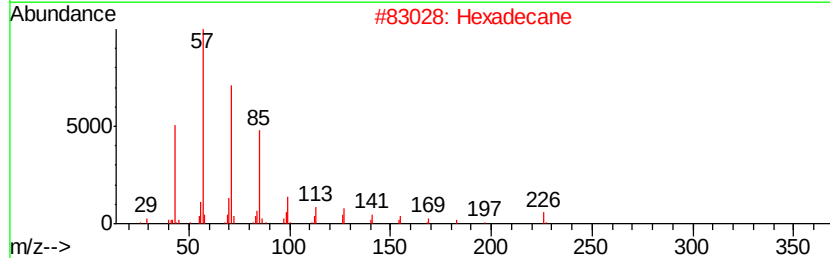
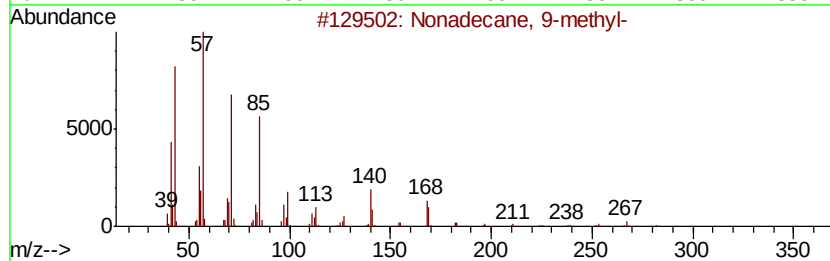
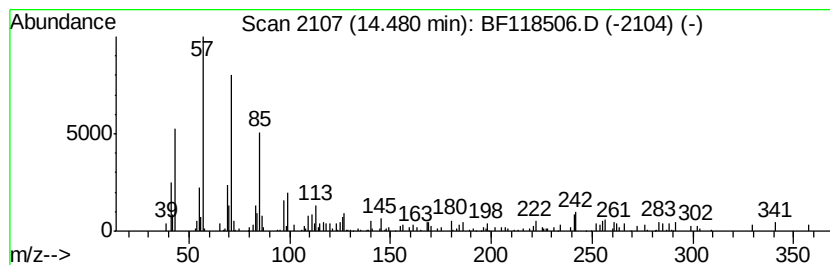
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.03 ng	71424	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2		Hexadecane	226	C16H34	000544-76-3	81
3		Tetradecane	198	C14H30	000629-59-4	81
4		Tetracosane	338	C24H50	000646-31-1	74
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Acq On : 8 Jan 2020 18:53
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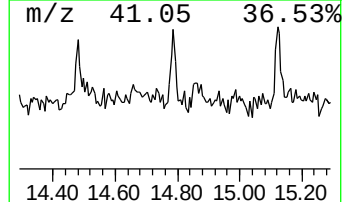
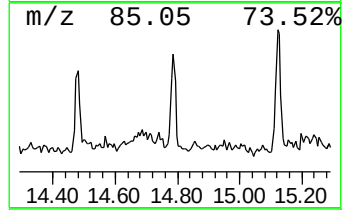
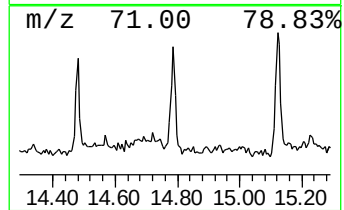
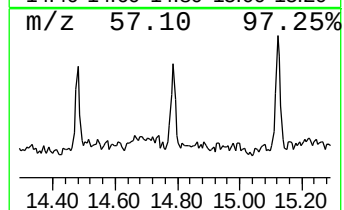
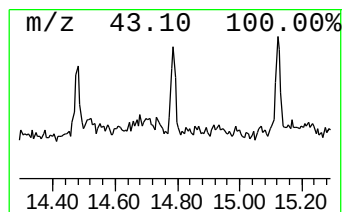
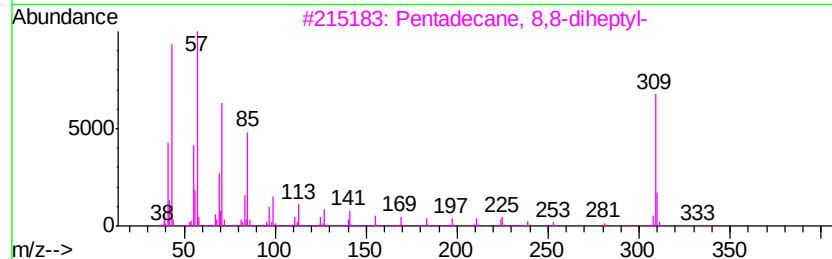
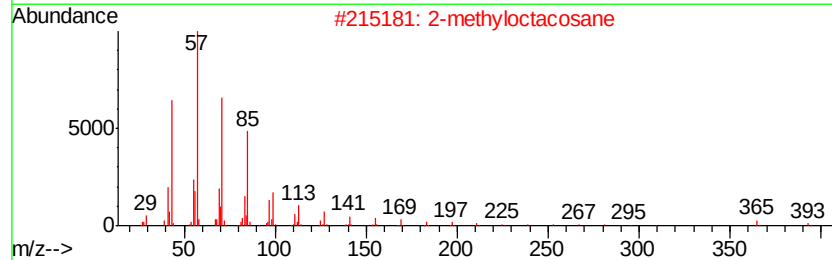
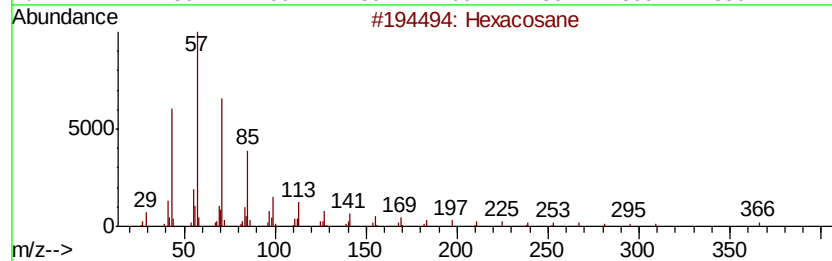
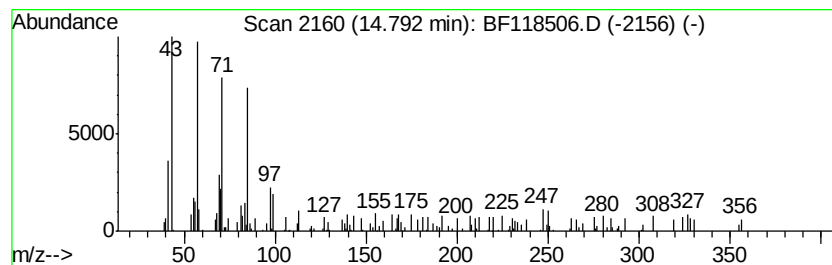
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.31 ng	71638	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	72
2	2-methyloctacosane		408	C29H60	1000376-72-8	72
3	Pentadecane, 8,8-diheptyl-		408	C29H60	055268-72-9	72
4	Octadecane, 2-methyl-		268	C19H40	001560-88-9	72
5	Pentacosane		352	C25H52	000629-99-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Acq On : 8 Jan 2020 18:53
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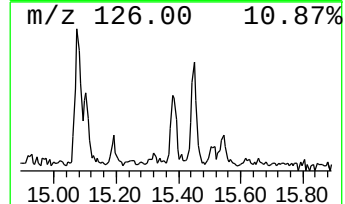
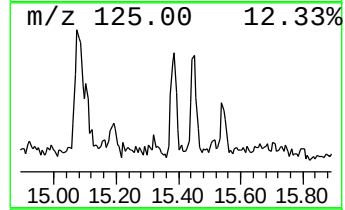
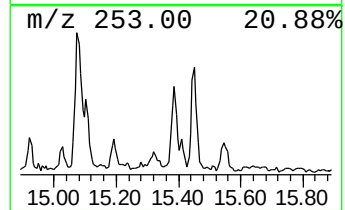
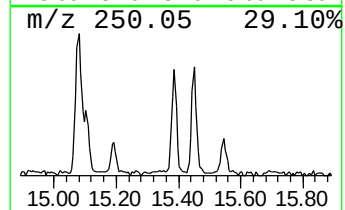
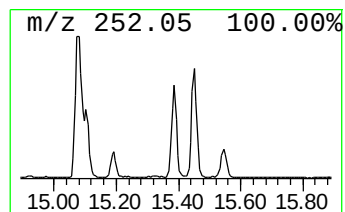
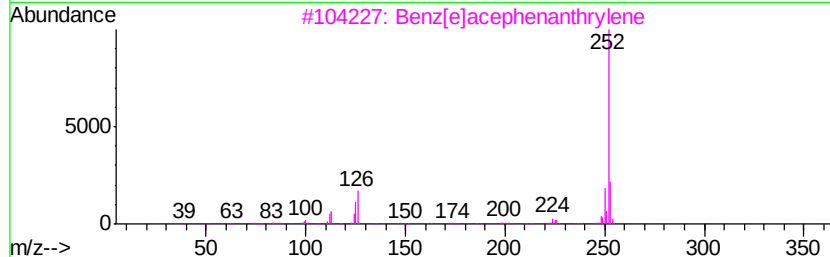
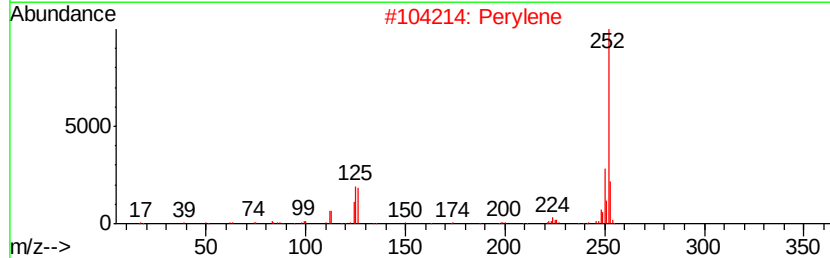
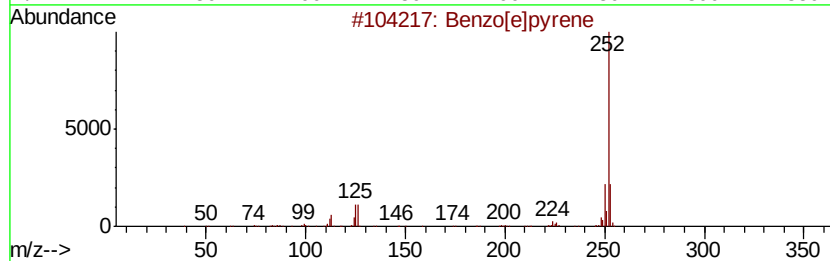
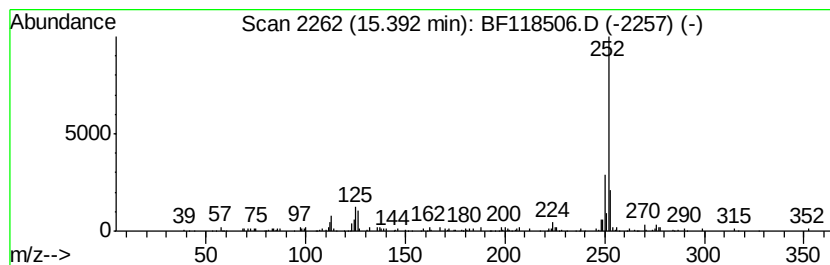
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	6.97 ng	216339	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



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Acq On : 8 Jan 2020 18:53
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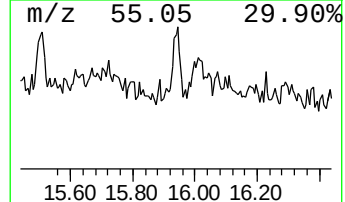
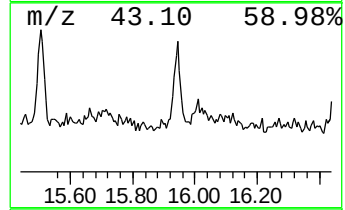
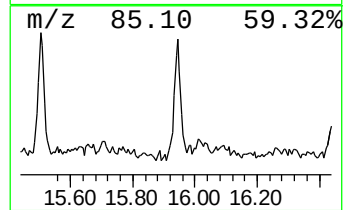
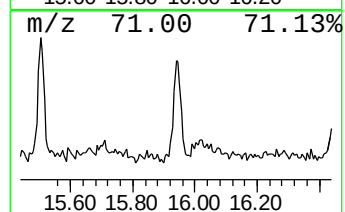
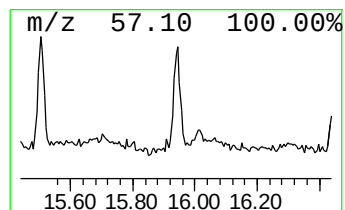
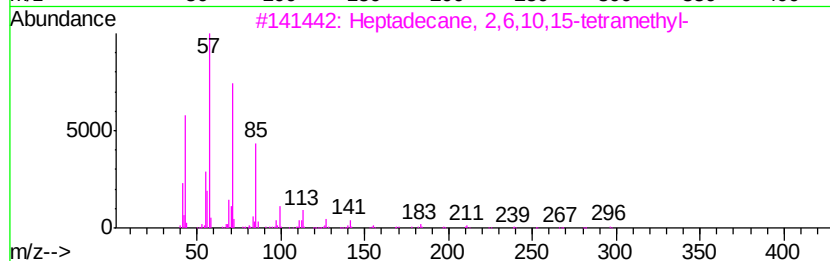
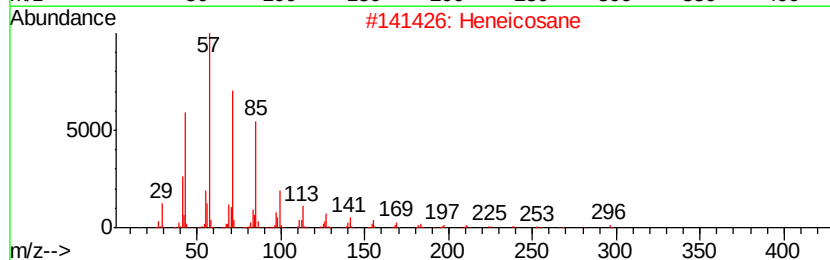
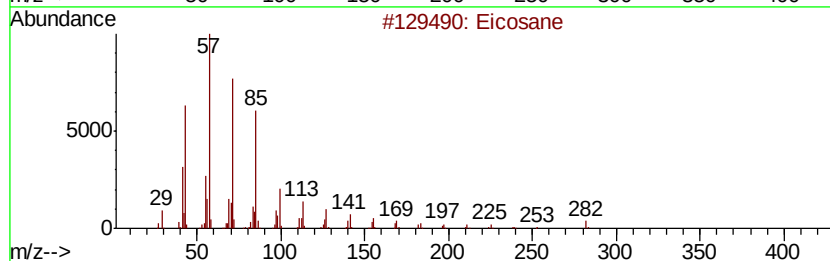
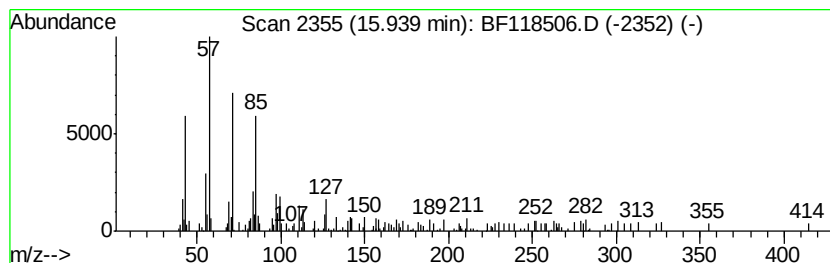
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.28 ng	101829	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
4		2-methylhexacosane	380	C27H56	1000376-72-7	68
5		triacontane	422	C30H62	000638-68-6	64



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 BNA_F
 ClientSampleId :
 TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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
2-Pentanone, 4-hy...	5.02	10.2	ng	206201	1	6.83	404947	20.0
unknown6.60	6.60	58.3	ng	1179780	1	6.83	404947	20.0
Tridecane	10.79	2.4	ng	77820	4	11.37	637447	20.0
Tridecanoic acid	11.90	5.5	ng	175759	4	11.37	637447	20.0
4H-Cyclopenta[def...	11.99	3.4	ng	107909	4	11.37	637447	20.0
Ethanol, 2-(tetra...	13.86	3.3	ng	114449	5	14.03	702862	20.0
Nonadecane, 9-met...	14.48	2.0	ng	71424	5	14.03	702862	20.0
Hexacosane	14.79	2.3	ng	71638	6	15.52	620452	20.0
Benzo[e]pyrene	15.39	7.0	ng	216339	6	15.52	620452	20.0
Eicosane	15.94	3.3	ng	101829	6	15.52	620452	20.0