

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121227.D
 Acq On : 7 Aug 2020 12:04
 Operator : JU/CG
 Sample : L3548-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-004

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-BF071620.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	4.999	492	495	506	rVB	40052	60983	1.55%	0.198%
2	5.410	561	565	589	rBV	2557573	2805663	71.26%	9.101%
3	6.434	734	739	758	rBV	2529886	2842659	72.20%	9.221%
4	6.793	796	800	808	rBV	995714	789146	20.04%	2.560%
5	7.357	891	896	912	rBV	1919842	2045576	51.95%	6.635%
6	8.075	1014	1018	1035	rBV	1073955	1060296	26.93%	3.439%
7	9.157	1197	1202	1213	rBV	3385086	3623860	92.04%	11.755%
8	9.551	1265	1269	1277	rBV	321720	325743	8.27%	1.057%
9	9.834	1312	1317	1331	rBV	1315218	1241877	31.54%	4.028%
10	10.628	1448	1452	1468	rBV	2030200	2210863	56.15%	7.172%
11	11.322	1566	1570	1573	rBV	1445705	1354415	34.40%	4.393%
12	11.345	1573	1574	1578	rVB	254893	149911	3.81%	0.486%
13	11.827	1652	1656	1658	rBV	43934	46621	1.18%	0.151%
14	11.851	1658	1660	1664	rVB	90257	87099	2.21%	0.283%
15	11.933	1671	1674	1677	rBV	76136	84940	2.16%	0.276%
16	12.151	1708	1711	1717	rVB	47810	46146	1.17%	0.150%
17	12.374	1744	1749	1752	rBV	47392	54999	1.40%	0.178%
18	12.410	1752	1755	1757	rVV3	42516	41337	1.05%	0.134%
19	12.463	1761	1764	1768	rBV	45299	58240	1.48%	0.189%
20	12.533	1773	1776	1781	rVB	500571	470422	11.95%	1.526%
21	12.763	1805	1815	1820	rBV	467637	554568	14.08%	1.799%
22	12.804	1820	1822	1828	rVB3	46065	63718	1.62%	0.207%
23	12.916	1832	1841	1844	rBV	3403861	3937446	100.00%	12.772%
24	12.986	1848	1853	1860	rBV4	41749	67112	1.70%	0.218%
25	13.074	1864	1868	1869	rBV3	42647	52061	1.32%	0.169%
26	13.092	1869	1871	1875	rVB	72413	66098	1.68%	0.214%
27	13.139	1875	1879	1881	rBV	94020	99696	2.53%	0.323%
28	13.198	1885	1889	1892	rBV2	63239	64913	1.65%	0.211%
29	13.480	1932	1937	1939	rBV2	129609	141829	3.60%	0.460%
30	13.604	1951	1958	1962	rBV	67760	99225	2.52%	0.322%
31	13.710	1973	1976	1979	rBV2	50563	51235	1.30%	0.166%
32	13.810	1990	1993	2004	rVB	479369	768396	19.52%	2.493%
33	13.963	2012	2019	2022	rBV	1502975	1654857	42.03%	5.368%
34	13.986	2022	2023	2029	rVB	253134	213601	5.42%	0.693%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.121	2043	2046	2050	rBV	174144	170746	4.34%	0.554%
36	14.351	2082	2085	2088	rVB	65833	65155	1.65%	0.211%
37	14.427	2094	2098	2101	rBV2	191635	193510	4.91%	0.628%
38	14.463	2101	2104	2105	rBV2	37587	43659	1.11%	0.142%
39	14.733	2146	2150	2153	rVB	148726	152620	3.88%	0.495%
40	14.998	2190	2195	2198	rBV	211005	328023	8.33%	1.064%
41	15.063	2202	2206	2210	rVB	179070	204440	5.19%	0.663%
42	15.292	2241	2245	2251	rVB	125187	146565	3.72%	0.475%
43	15.351	2252	2255	2261	rVB	132652	171251	4.35%	0.556%
44	15.421	2261	2267	2278	rBV	906050	1390735	35.32%	4.511%
45	15.857	2337	2341	2348	rVB	132349	194698	4.94%	0.632%
46	15.939	2351	2355	2365	rVV6	56100	178225	4.53%	0.578%
47	16.351	2420	2425	2429	rVB2	56543	100535	2.55%	0.326%
48	16.633	2469	2473	2481	rVB5	40084	67515	1.71%	0.219%
49	16.851	2506	2510	2516	rBV3	53076	105738	2.69%	0.343%
50	17.286	2581	2584	2593	rVB	41335	79219	2.01%	0.257%

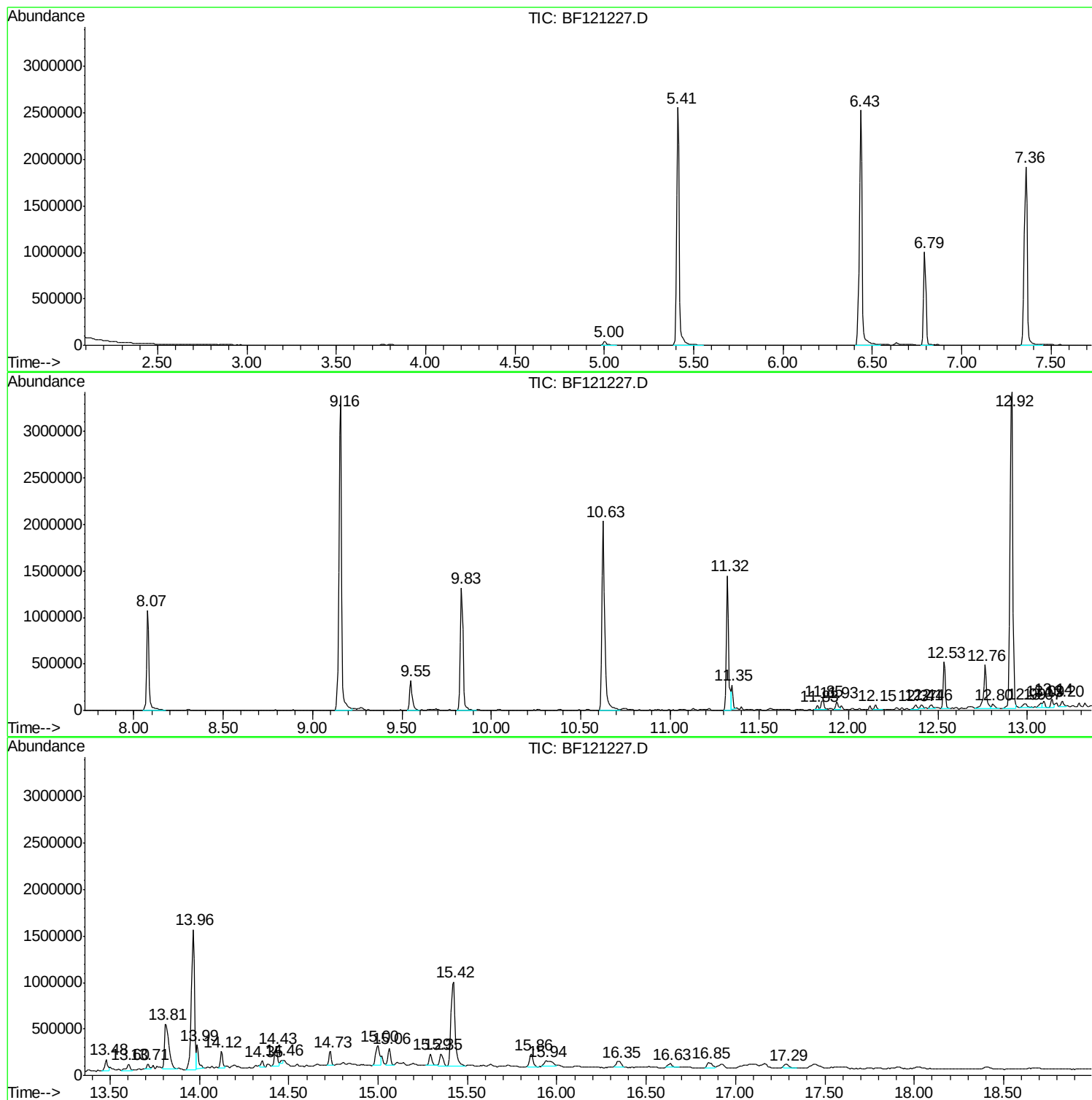
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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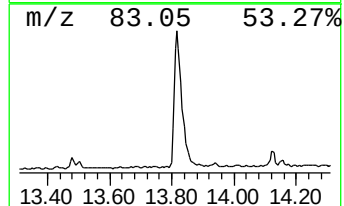
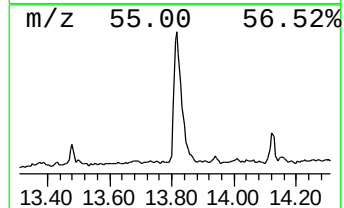
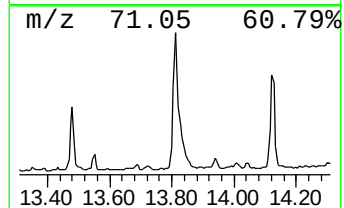
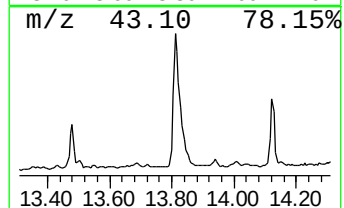
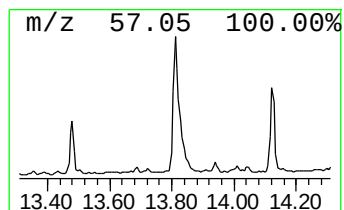
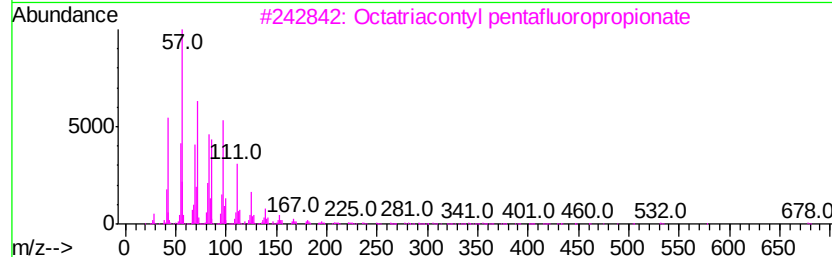
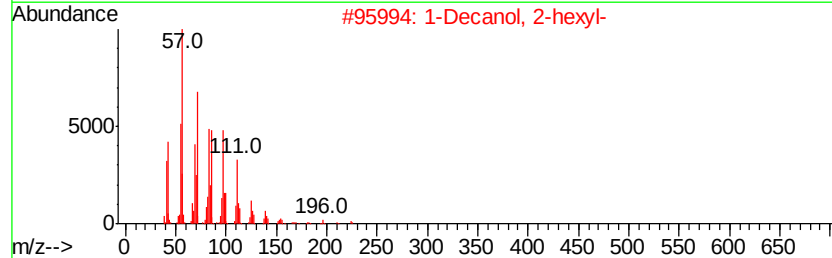
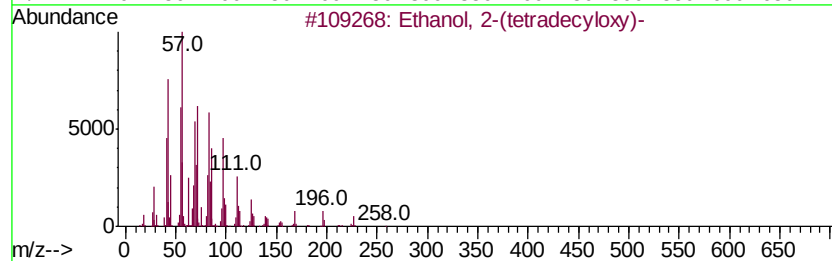
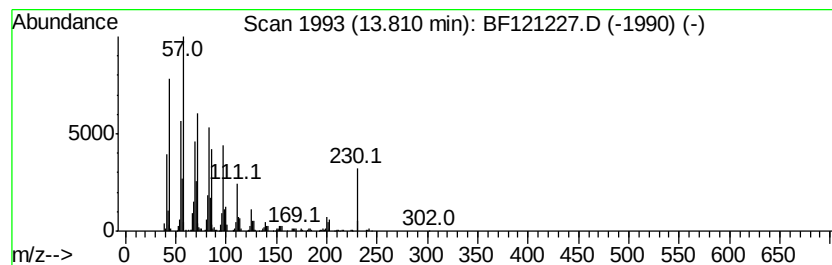
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.81	9.29 ng	768396	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	81
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	74
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70



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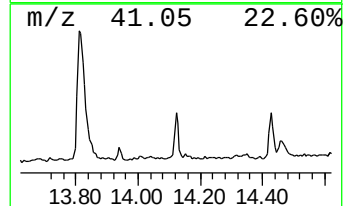
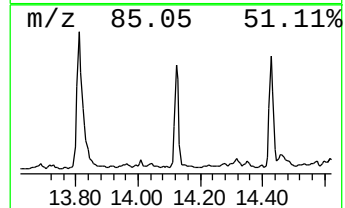
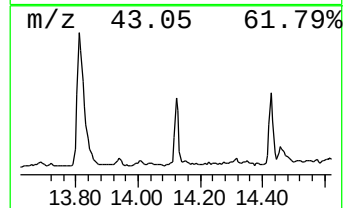
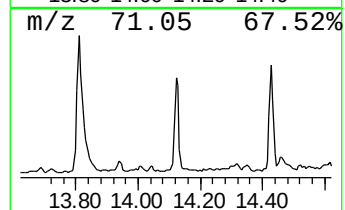
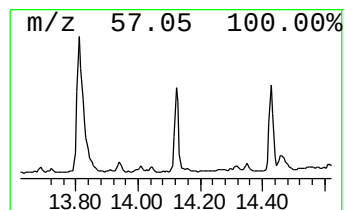
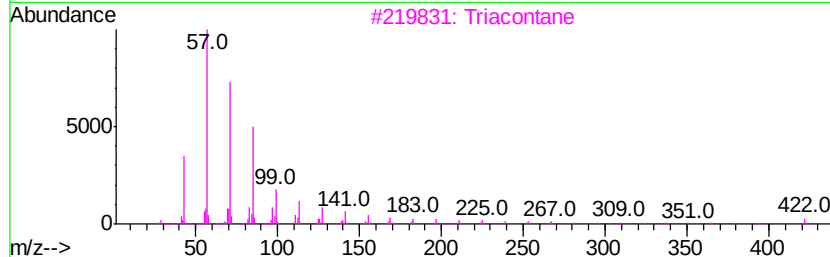
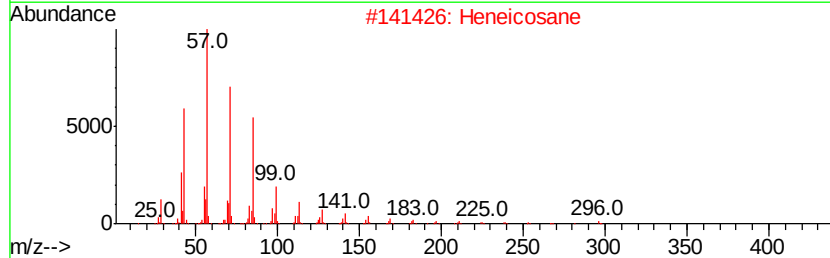
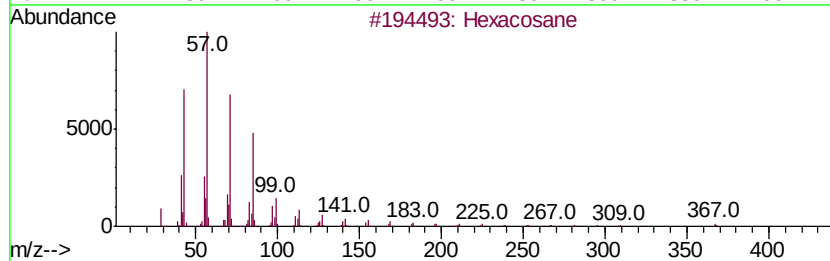
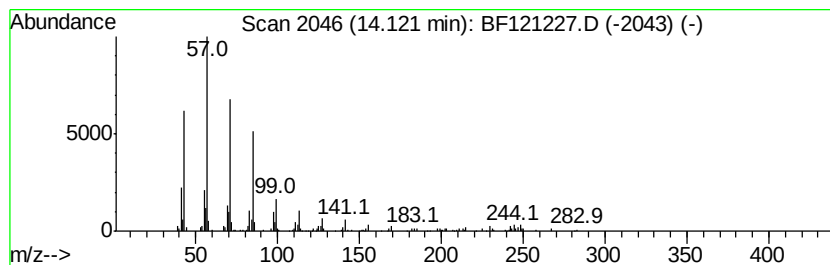
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.06 ng	170746	Chrysene-d12	13.96

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		Triacontane	422	C30H62	000638-68-6	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



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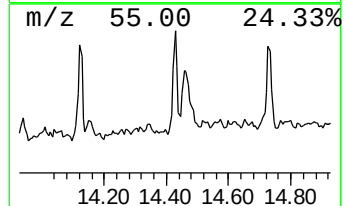
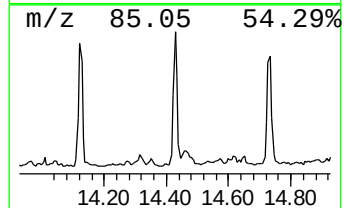
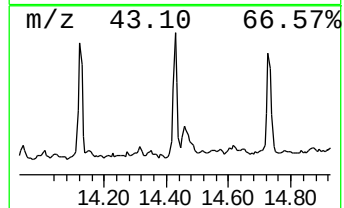
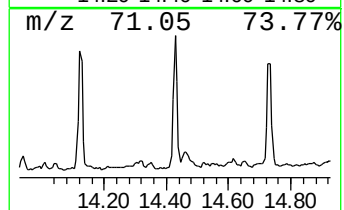
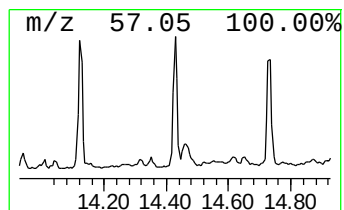
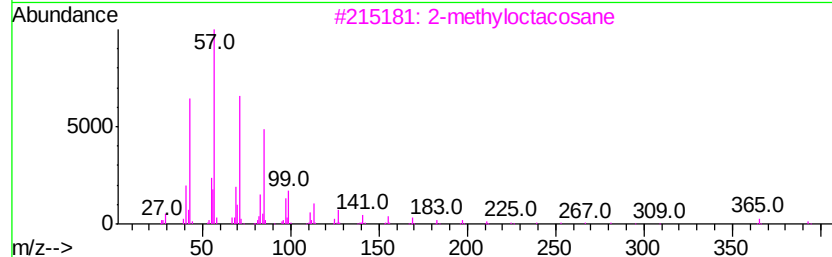
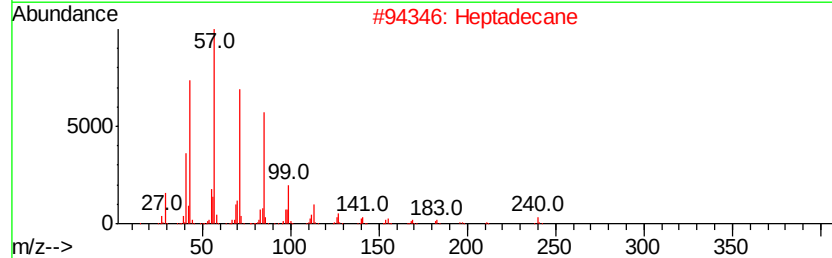
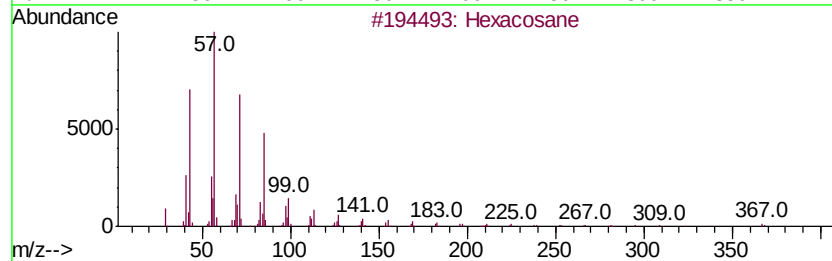
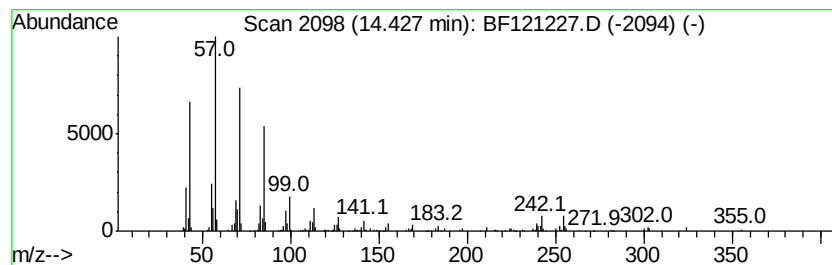
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.34 ng	193510	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	93
2	Heptadecane		240	C17H36	000629-78-7	93
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Docosane		310	C22H46	000629-97-0	90
5	Heneicosane		296	C21H44	000629-94-7	90



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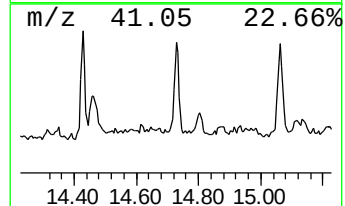
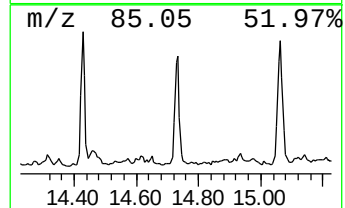
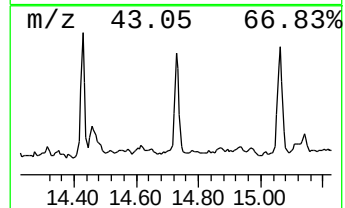
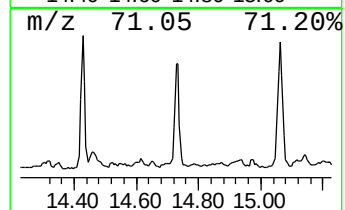
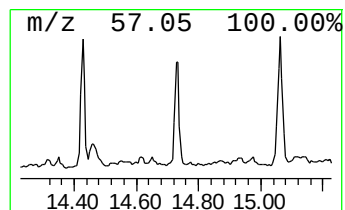
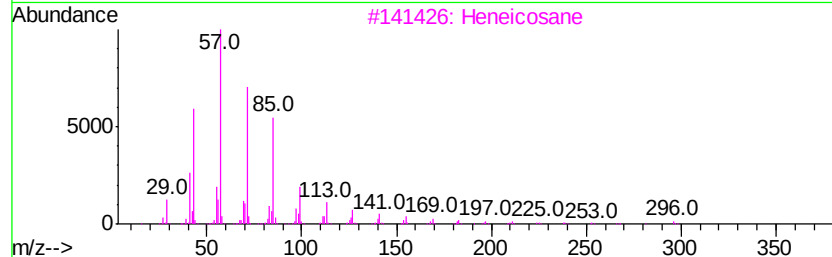
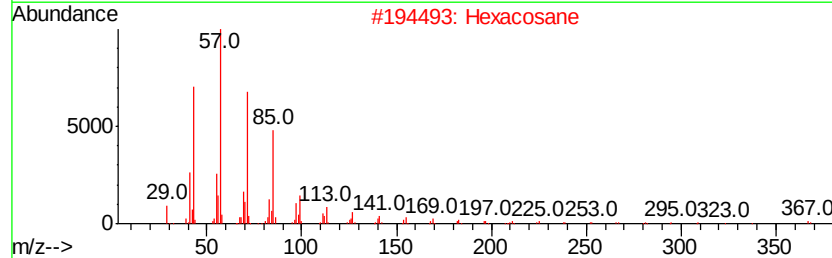
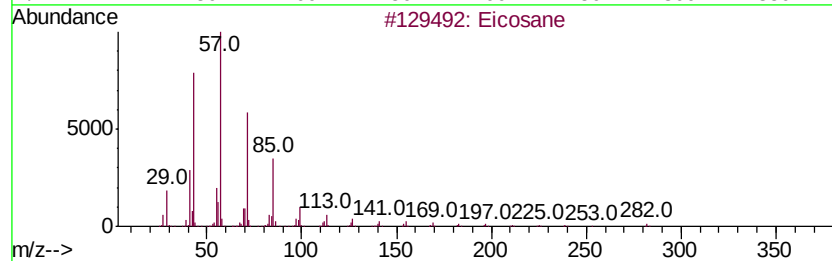
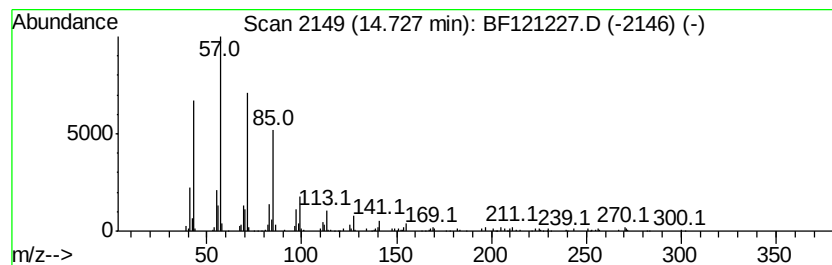
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.19 ng	152620	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Hexacosane		366	C26H54	000630-01-3	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87
5	Octacosane		394	C28H58	000630-02-4	87



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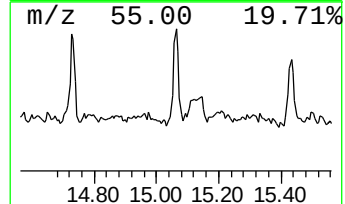
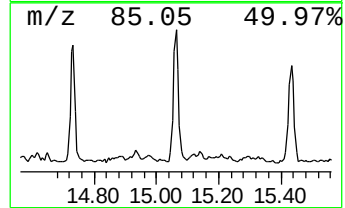
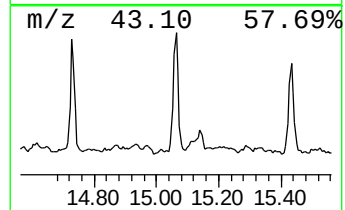
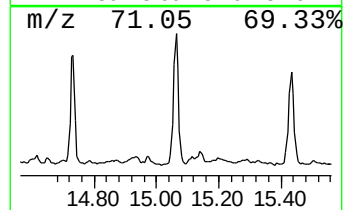
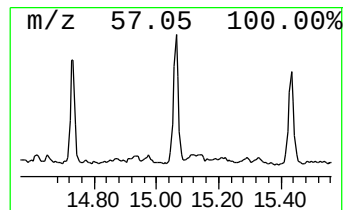
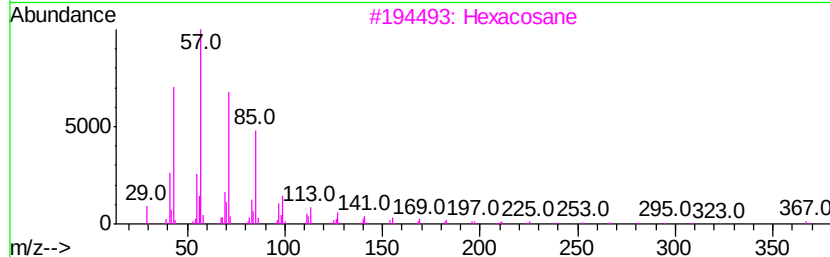
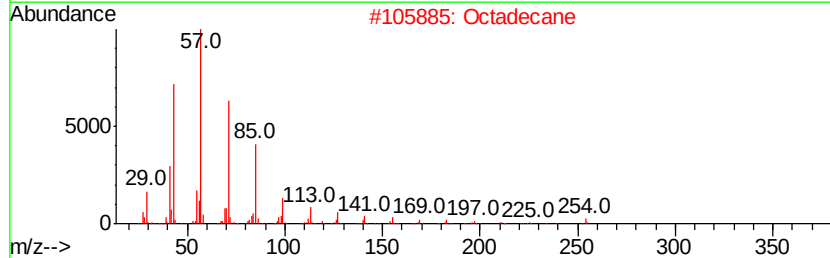
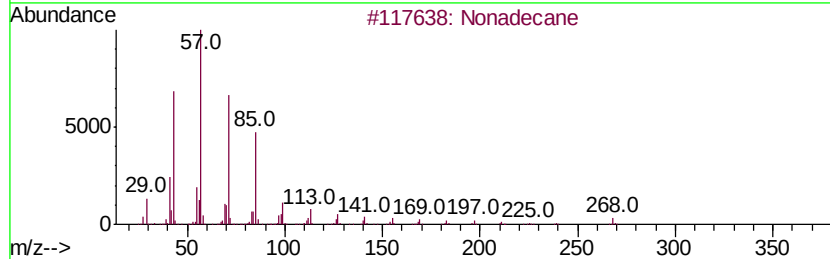
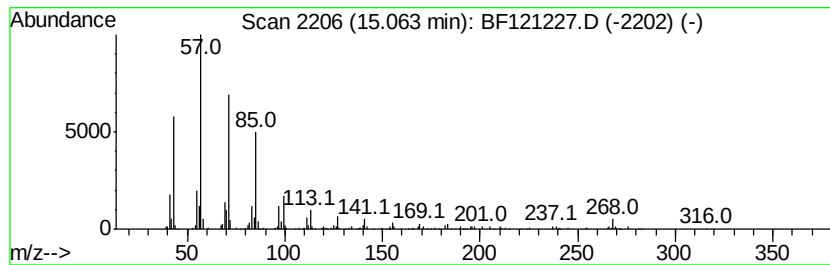
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.94 ng	204440	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Octadecane		254	C18H38	000593-45-3	91
3	Hexacosane		366	C26H54	000630-01-3	87
4	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

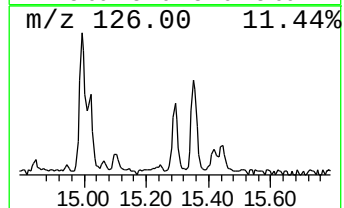
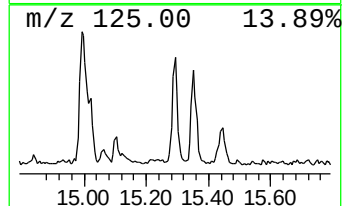
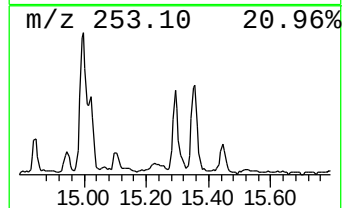
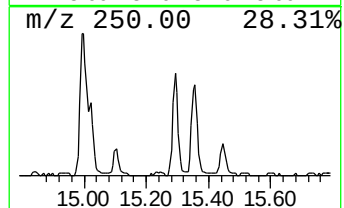
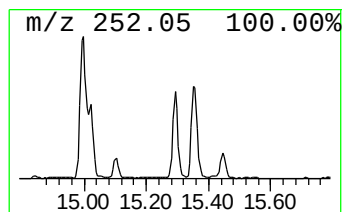
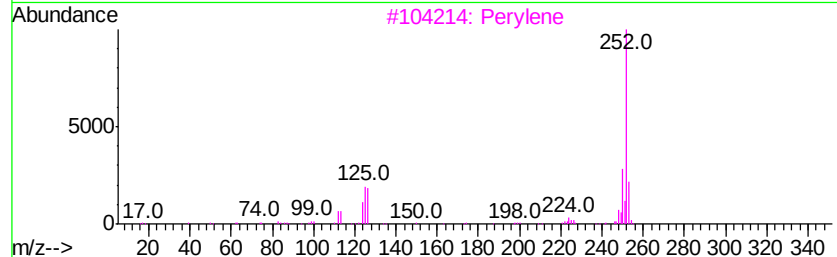
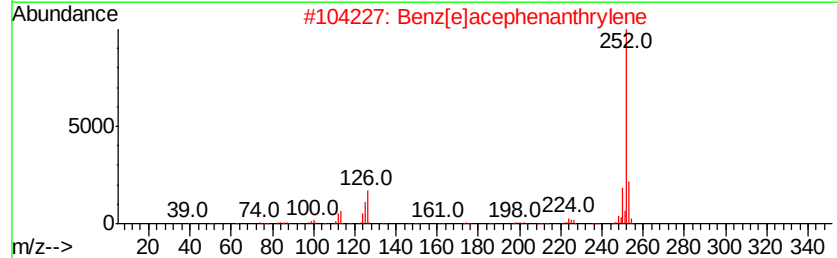
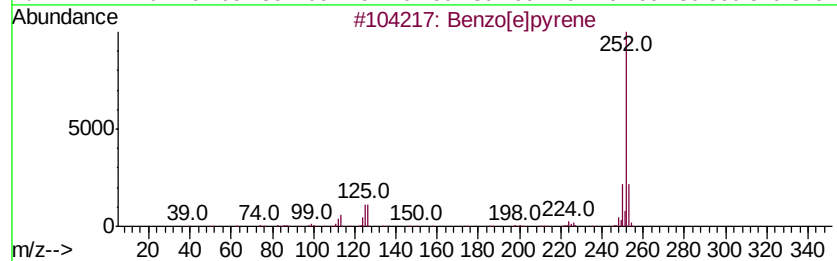
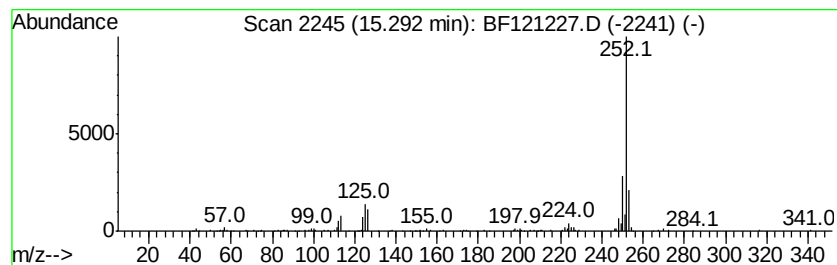
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.29	2.11 ng	146565	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-004

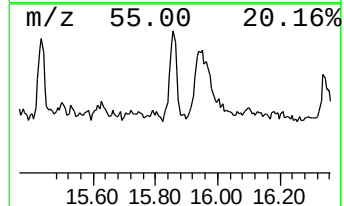
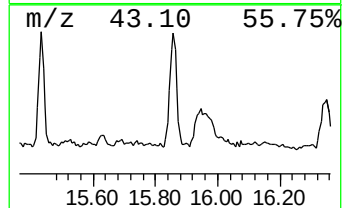
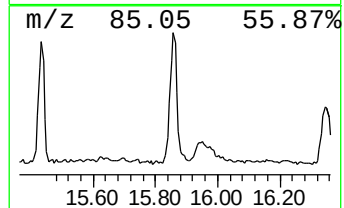
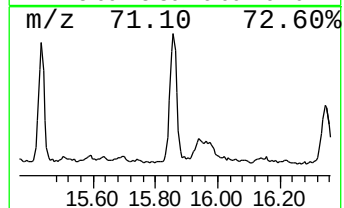
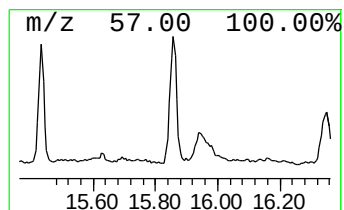
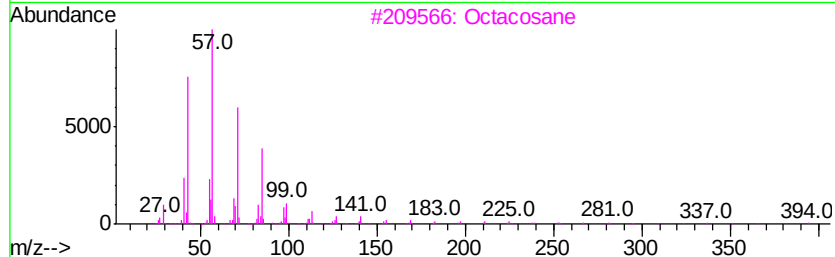
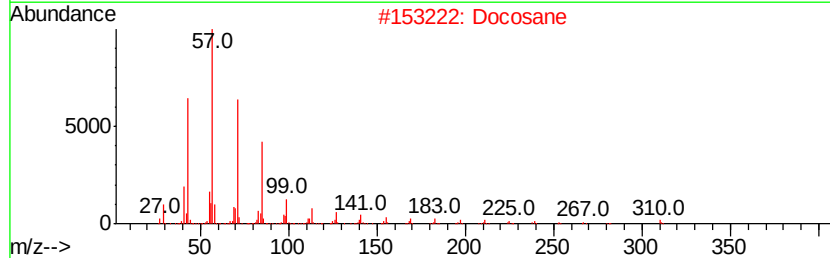
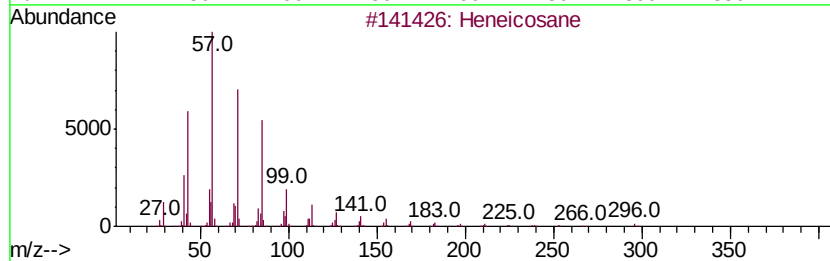
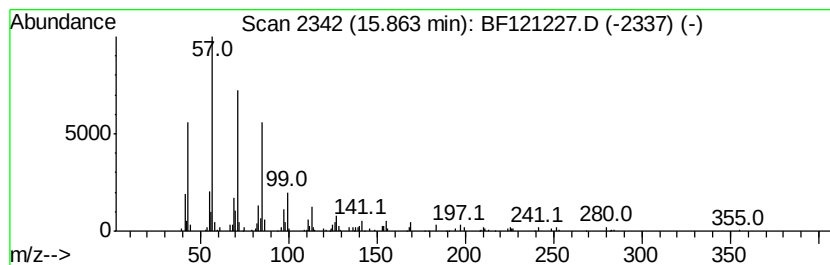
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.80 ng	194698	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Docosane	310	C22H46	000629-97-0	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-004

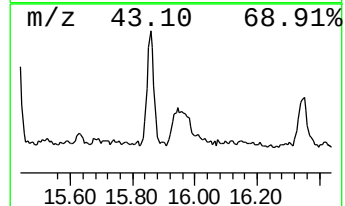
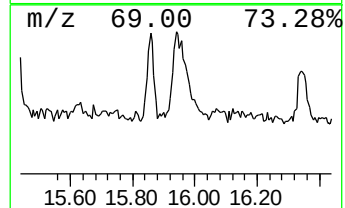
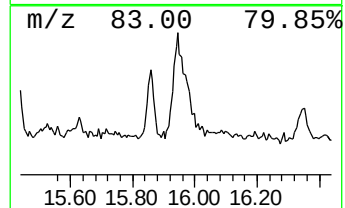
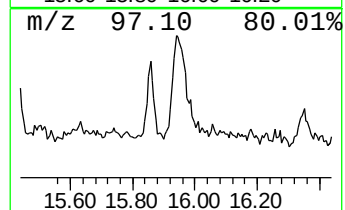
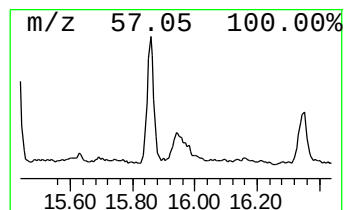
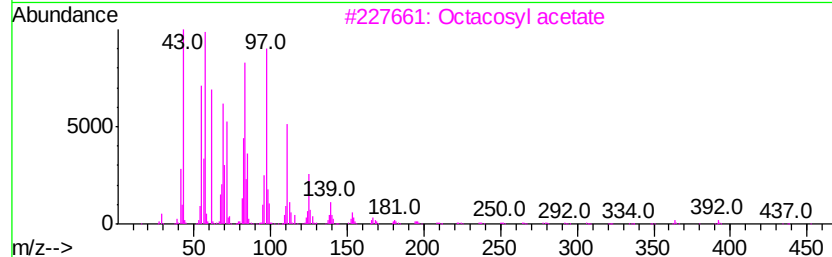
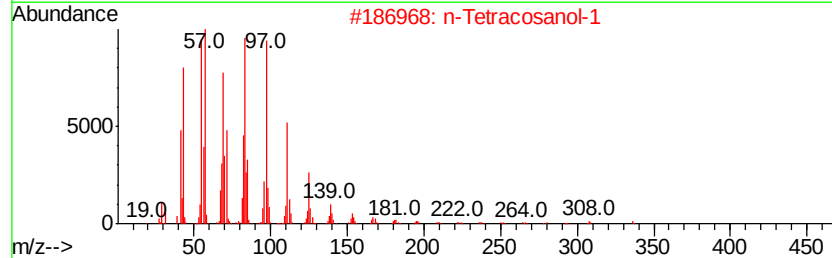
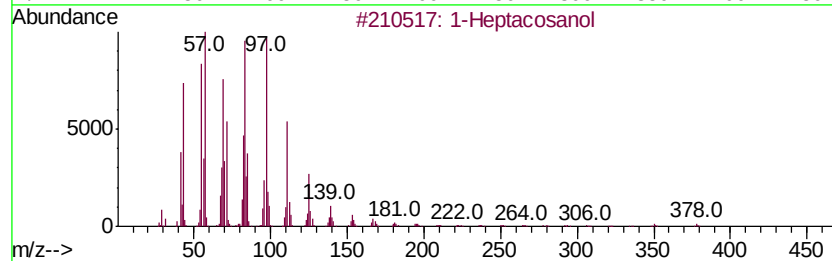
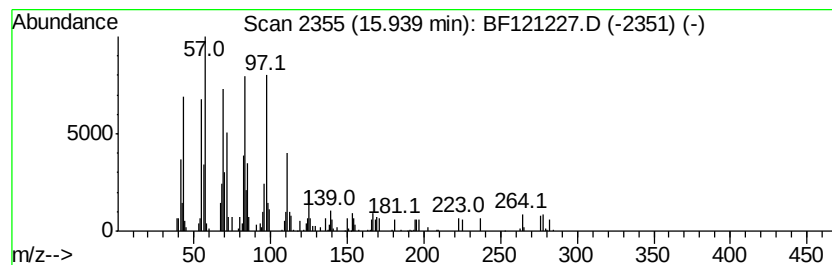
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.56 ng	178225	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Octacosyl acetate	452	C30H60O2	018206-97-8	93
4		Octacosanol	410	C28H58O	000557-61-9	93
5		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-004

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(tetra...	13.81	9.3	ng	768396	5	13.96	1654860	20.0
Triacontane	14.12	2.1	ng	170746	5	13.96	1654860	20.0
Hexacosane	14.43	2.3	ng	193510	5	13.96	1654860	20.0
Eicosane	14.73	2.2	ng	152620	6	15.42	1390740	20.0
Nonadecane	15.06	2.9	ng	204440	6	15.42	1390740	20.0
Benzo[e]pyrene	15.29	2.1	ng	146565	6	15.42	1390740	20.0
Heneicosane	15.86	2.8	ng	194698	6	15.42	1390740	20.0
1-Heptacosanol	15.94	2.6	ng	178225	6	15.42	1390740	20.0