

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120506.D
 Acq On : 3 Jun 2020 13:46
 Operator : JU/CG
 Sample : L2839-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

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-BF052820.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	1.952	9	11	19	rBV	664635	826418	15.08%	1.551%
2	2.010	19	21	29	rVV2	61099	112441	2.05%	0.211%
3	2.087	29	34	50	rVB	1430894	1808166	33.00%	3.394%
4	5.451	601	606	609	rBV	3766837	4103324	74.90%	7.702%
5	6.469	774	779	782	rBV	3611953	4277208	78.07%	8.029%
6	6.834	837	841	844	rBV	1617738	1296441	23.66%	2.434%
7	6.992	863	868	871	rVB	4040899	3798280	69.33%	7.130%
8	7.398	931	937	940	rBV	2981520	3043511	55.55%	5.713%
9	8.116	1054	1059	1062	rBV	2075505	1722065	31.43%	3.232%
10	9.192	1237	1242	1245	rBV	5036736	5478616	100.00%	10.284%
11	9.586	1304	1309	1312	rVB	916774	787514	14.37%	1.478%
12	9.875	1350	1358	1361	rBV	2127539	2016379	36.80%	3.785%
13	10.663	1486	1492	1495	rBV	3370158	3364798	61.42%	6.316%
14	11.304	1597	1601	1605	rBV	73605	71913	1.31%	0.135%
15	11.357	1605	1610	1613	rVV	2331258	2186874	39.92%	4.105%
16	11.380	1613	1614	1617	rVV	393228	201707	3.68%	0.379%
17	11.427	1620	1622	1626	rVB	75122	65047	1.19%	0.122%
18	11.816	1683	1688	1691	rBV	67801	78580	1.43%	0.148%
19	11.857	1691	1695	1697	rVV2	77608	98169	1.79%	0.184%
20	11.886	1697	1700	1707	rVV	567636	554841	10.13%	1.041%
21	11.969	1711	1714	1717	rBV	87203	89585	1.64%	0.168%
22	12.486	1800	1802	1808	rVB3	52066	66077	1.21%	0.124%
23	12.569	1808	1816	1819	rBV	851619	907821	16.57%	1.704%
24	12.669	1830	1833	1839	rBV3	102067	126578	2.31%	0.238%
25	12.798	1849	1855	1858	rBV	709985	672391	12.27%	1.262%
26	12.951	1871	1881	1884	rBV	4940472	5413446	98.81%	10.161%
27	13.016	1887	1892	1896	rBV3	54125	95294	1.74%	0.179%
28	13.127	1908	1911	1914	rVB	109984	101741	1.86%	0.191%
29	13.192	1914	1922	1925	rBV2	121404	176345	3.22%	0.331%
30	13.227	1925	1928	1931	rVB2	69071	76103	1.39%	0.143%
31	13.516	1971	1977	1980	rBV4	60673	93541	1.71%	0.176%
32	13.633	1991	1997	2001	rBV	65168	84038	1.53%	0.158%
33	13.745	2011	2016	2019	rBV2	61257	87075	1.59%	0.163%
34	13.798	2023	2025	2029	rVV3	62532	83196	1.52%	0.156%

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35	13.845	2029	2033	2034	rVV3	101663	119216	2.18%	0.224%
36	13.868	2034	2037	2050	rVV2	425607	839126	15.32%	1.575%
37	13.998	2051	2059	2062	rVV2	1837010	2153271	39.30%	4.042%
38	14.021	2062	2063	2069	rVB	376110	238743	4.36%	0.448%
39	14.163	2084	2087	2092	rVV3	103802	98901	1.81%	0.186%
40	14.210	2092	2095	2100	rVB2	36250	56636	1.03%	0.106%
41	14.468	2135	2139	2143	rBV2	183525	188329	3.44%	0.354%
42	14.516	2143	2147	2153	rBV6	142431	279688	5.11%	0.525%
43	14.774	2187	2191	2194	rVB	148535	151967	2.77%	0.285%
44	15.027	2230	2234	2237	rBV	292279	421118	7.69%	0.790%
45	15.110	2244	2248	2250	rBV	251599	279180	5.10%	0.524%
46	15.133	2250	2252	2256	rVB	69115	73382	1.34%	0.138%
47	15.186	2256	2261	2265	rBV2	85921	159981	2.92%	0.300%
48	15.327	2281	2285	2291	rVB	175779	210959	3.85%	0.396%
49	15.386	2291	2295	2301	rVB	234601	282300	5.15%	0.530%
50	15.457	2301	2307	2310	rBV	1088009	1446146	26.40%	2.715%
51	15.480	2310	2311	2318	rVB2	203352	212604	3.88%	0.399%
52	15.680	2343	2345	2350	rVB4	56813	71123	1.30%	0.134%
53	15.915	2380	2385	2391	rVB	323505	474429	8.66%	0.891%
54	16.033	2400	2405	2421	rVB5	97837	321437	5.87%	0.603%
55	16.415	2467	2470	2474	rVB	49988	65590	1.20%	0.123%
56	16.704	2516	2519	2529	rVB7	61692	127735	2.33%	0.240%
57	16.892	2546	2551	2563	rVB4	246032	672806	12.28%	1.263%
58	17.080	2578	2583	2588	rBV3	98907	175497	3.20%	0.329%
59	17.333	2621	2626	2634	rVB2	90945	188805	3.45%	0.354%

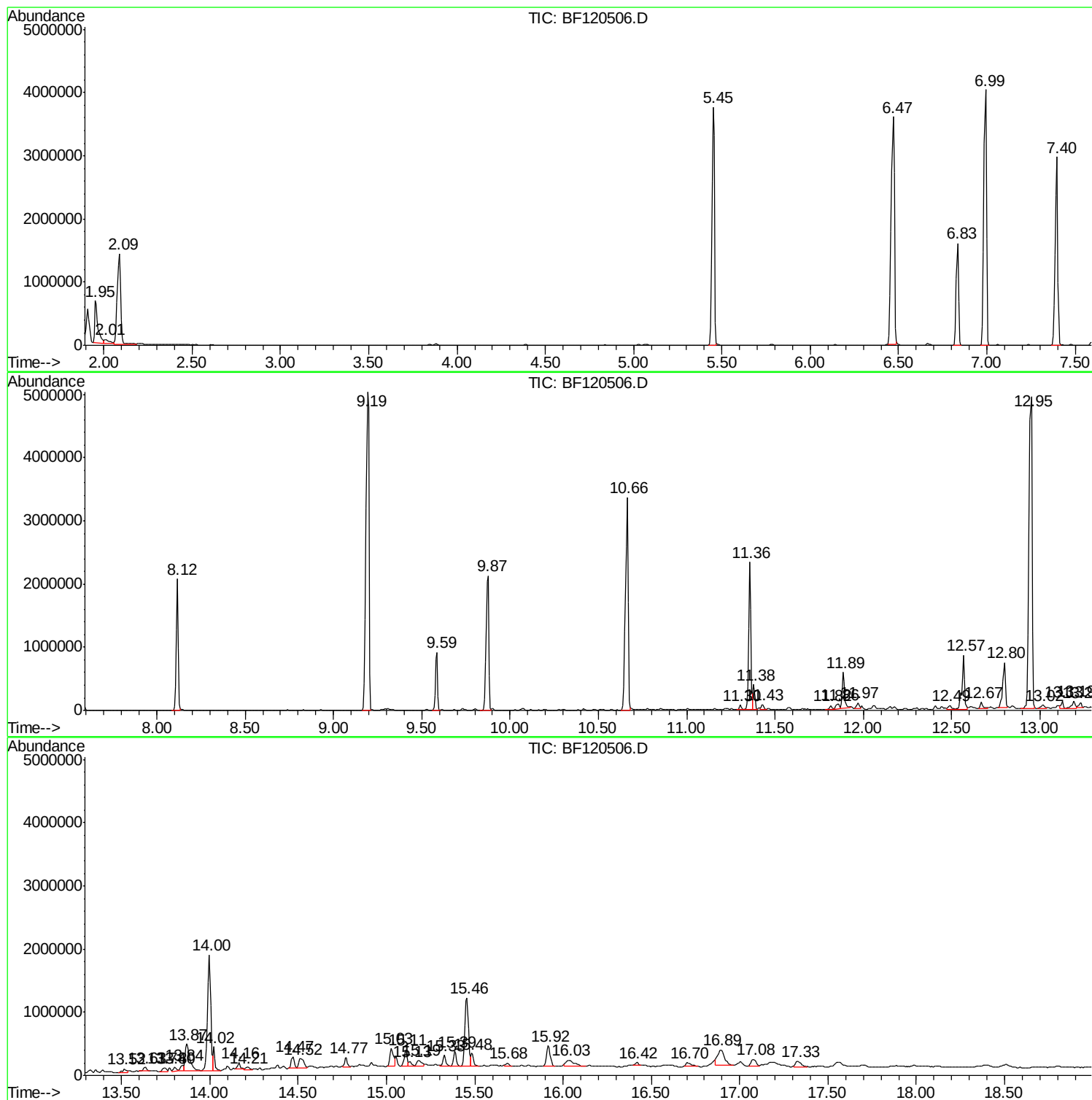
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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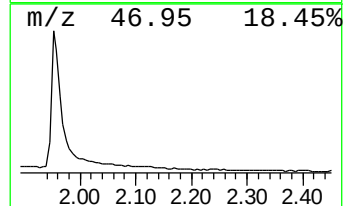
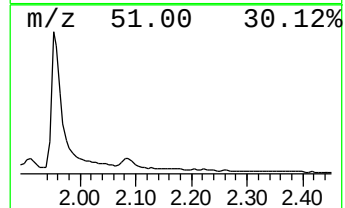
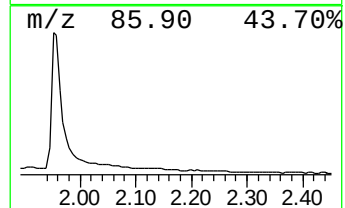
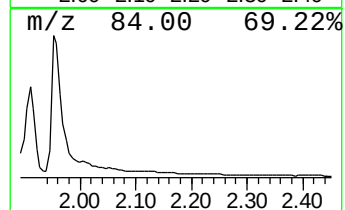
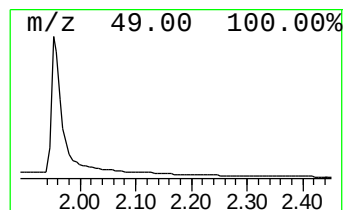
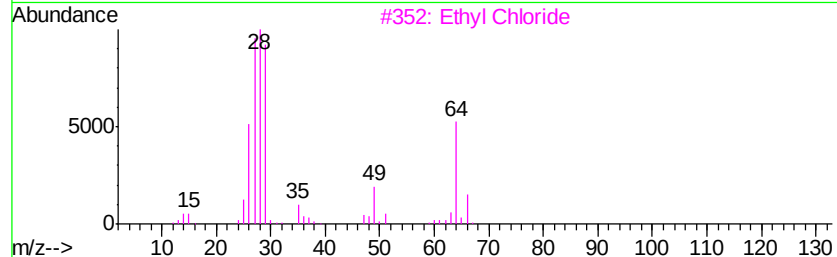
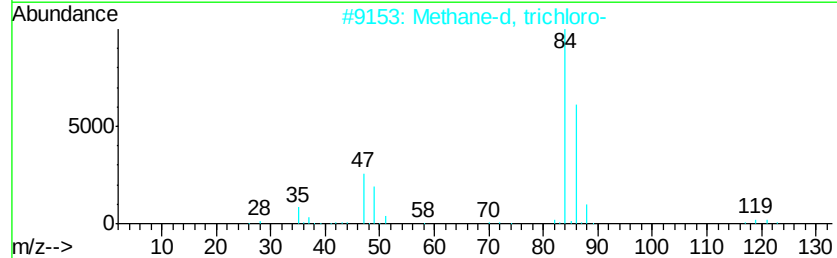
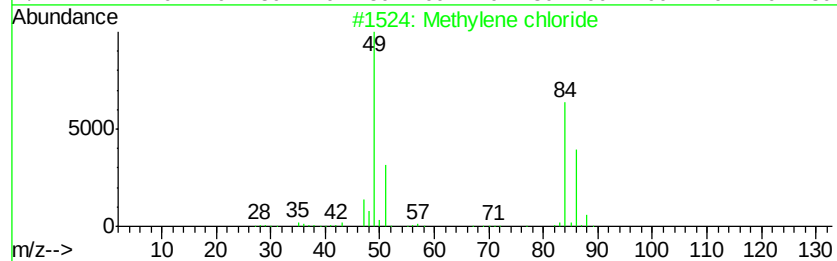
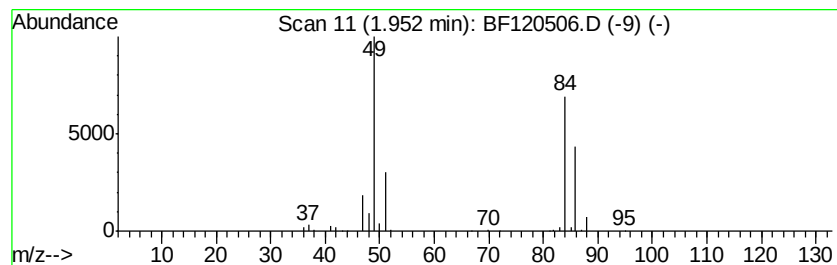
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Methylene chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	12.75 ng	826418	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylene chloride	84	CH2Cl2	000075-09-2	95
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5		Boron trifluoride	68	BF3	007637-07-2	1



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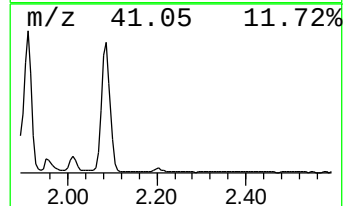
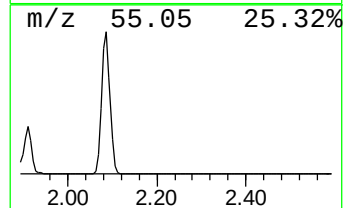
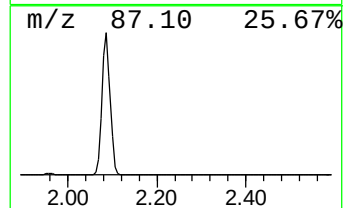
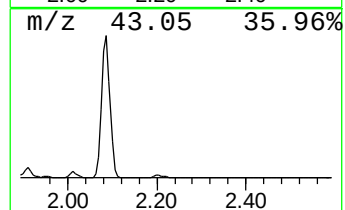
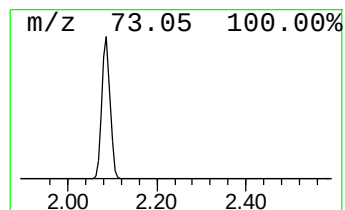
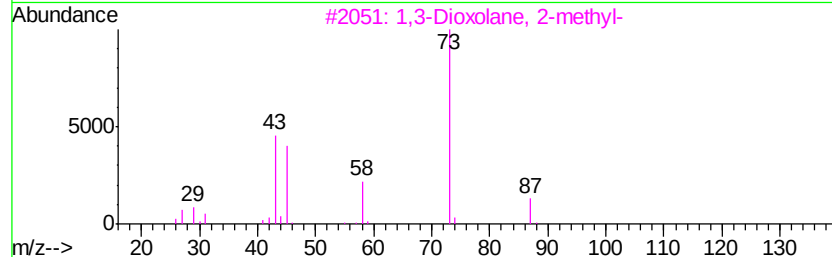
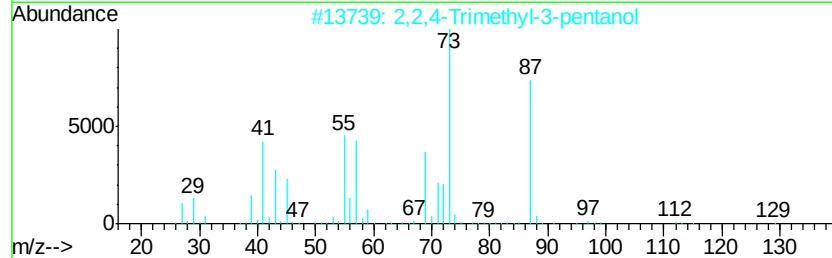
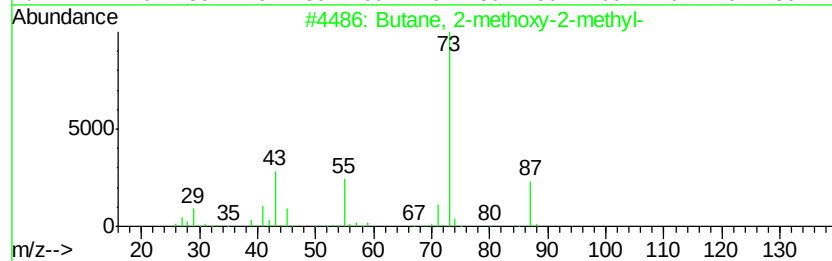
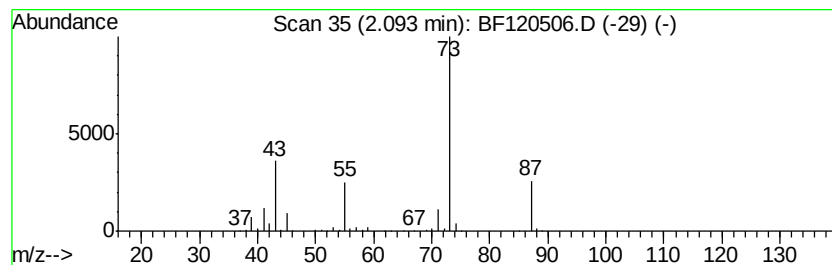
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	27.89 ng	1808170	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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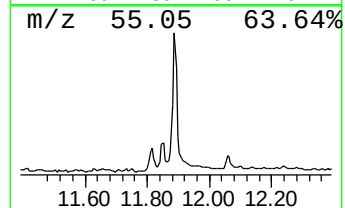
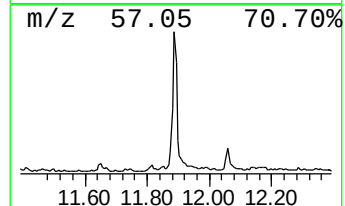
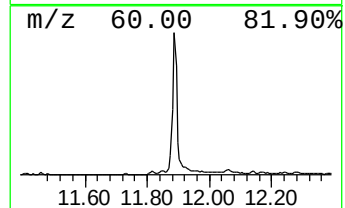
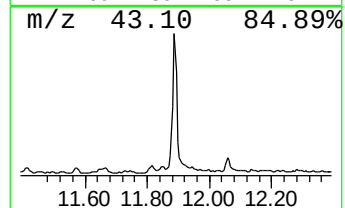
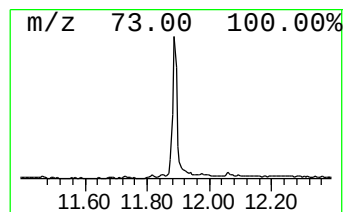
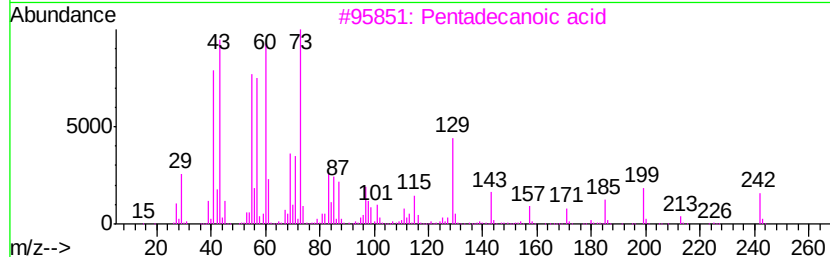
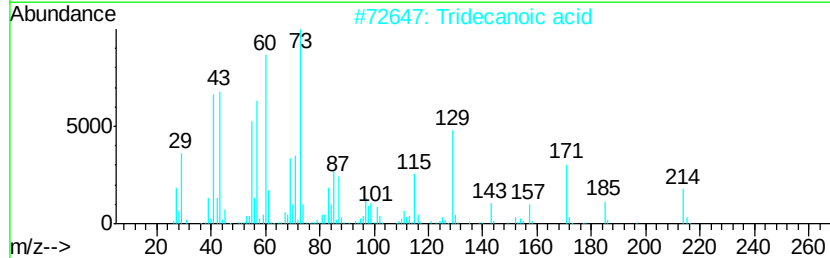
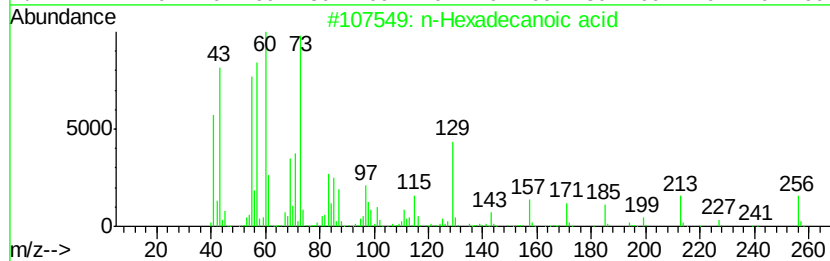
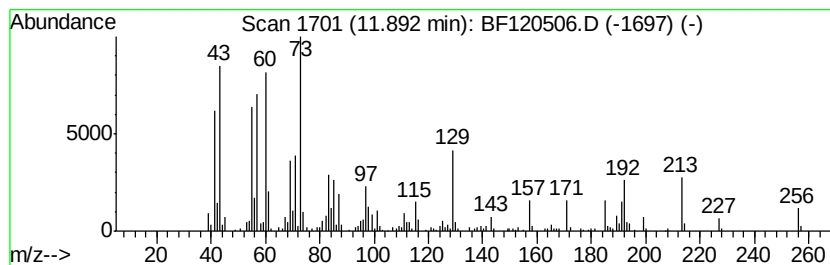
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.07 ng	554841	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58	



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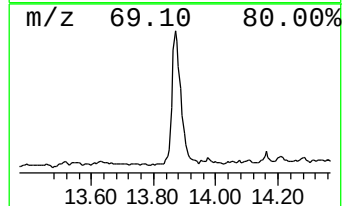
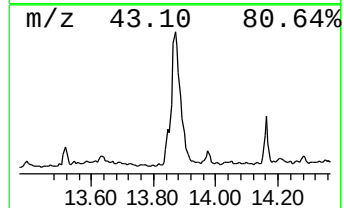
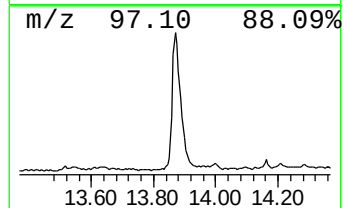
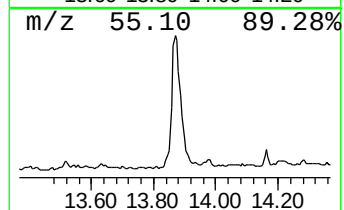
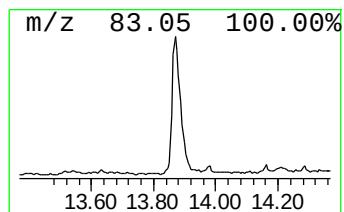
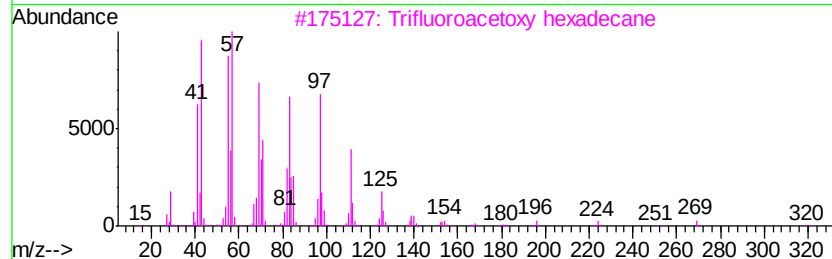
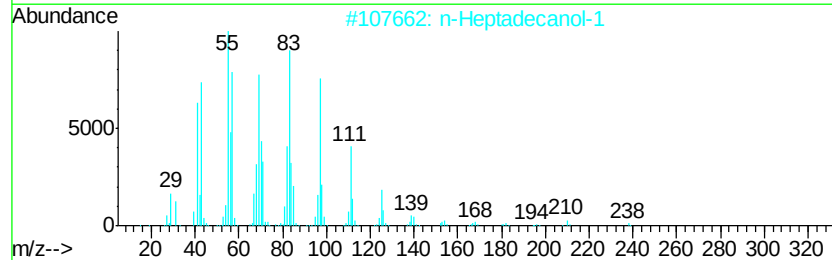
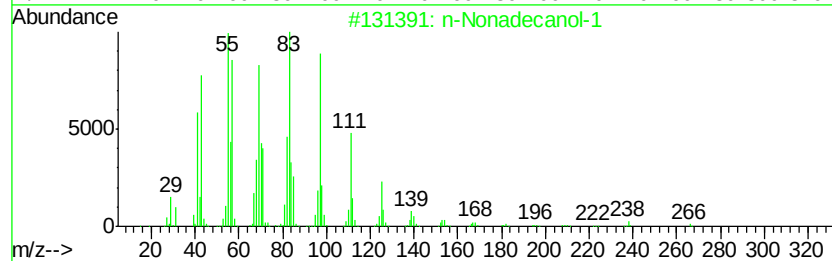
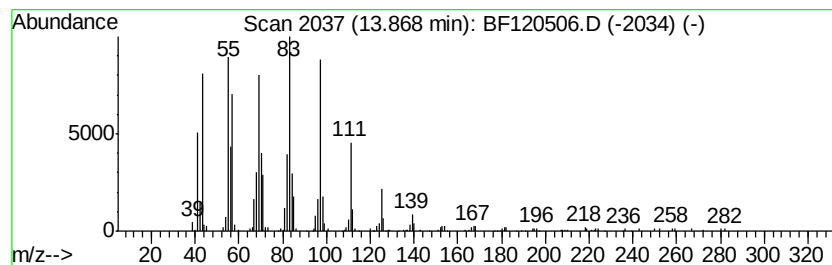
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.87	7.79 ng	839126	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	91
4	Cetene	224	C16H32	000629-73-2	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87



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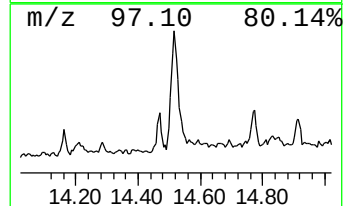
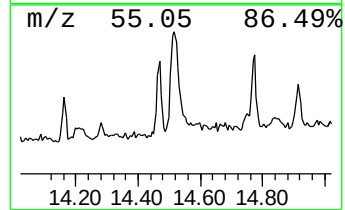
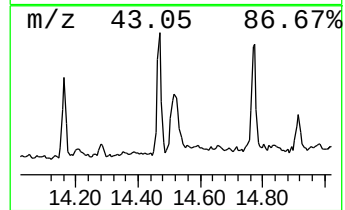
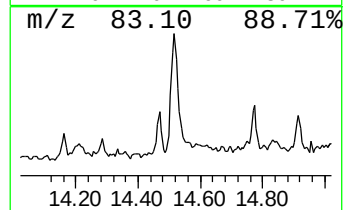
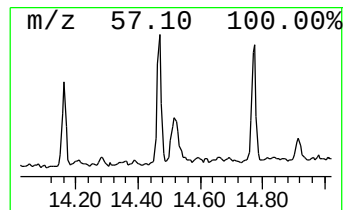
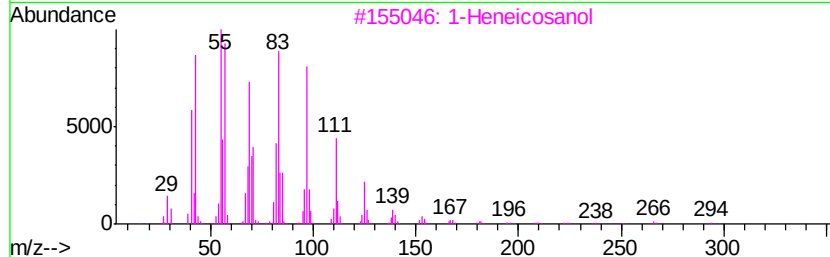
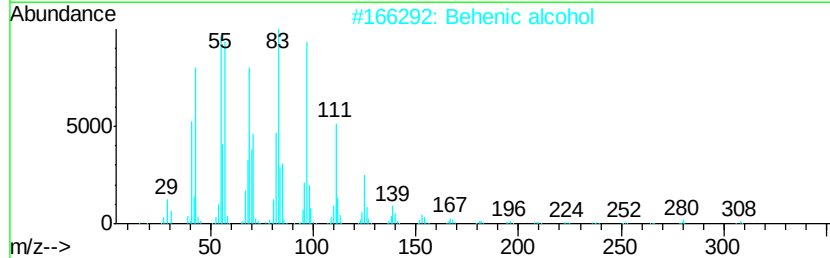
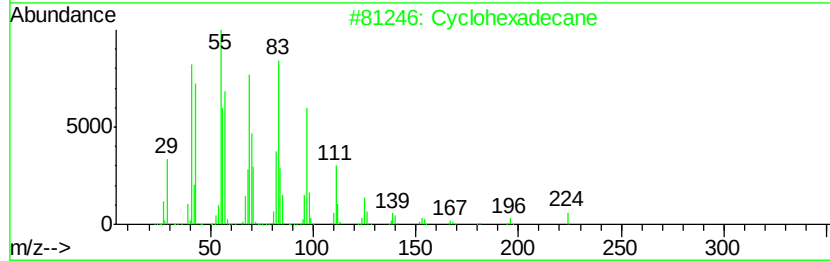
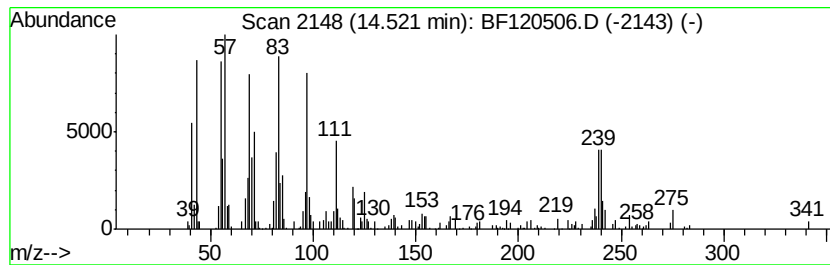
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ClientSampleId :
NM43-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.60 ng	279688	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		Behenic alcohol	326 C22H46O	000661-19-8 93
3		1-Heneicosanol	312 C21H44O	015594-90-8 93
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 93
5		Octacosanol	410 C28H58O	000557-61-9 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Acq On : 3 Jun 2020 13:46
Operator : JU/CG
Sample : L2839-02
Misc :
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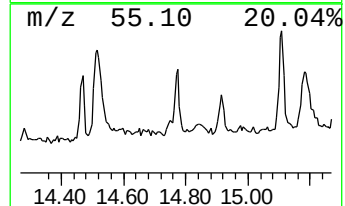
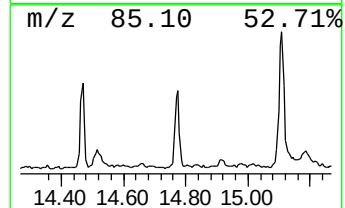
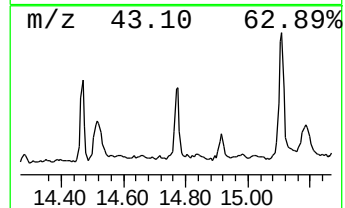
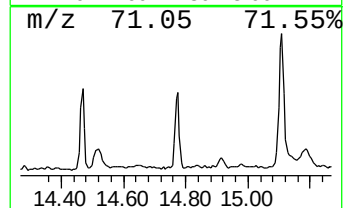
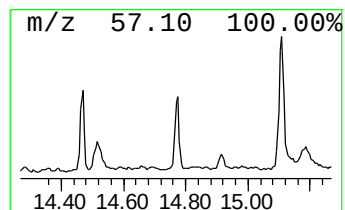
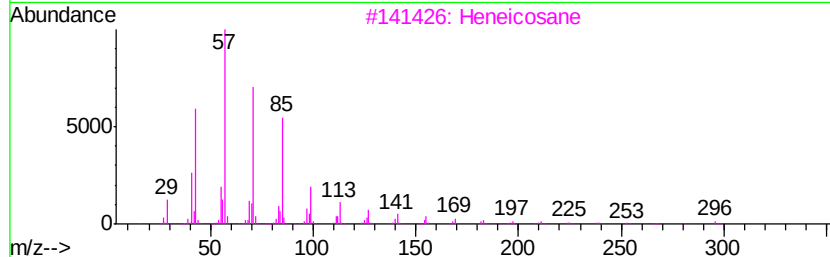
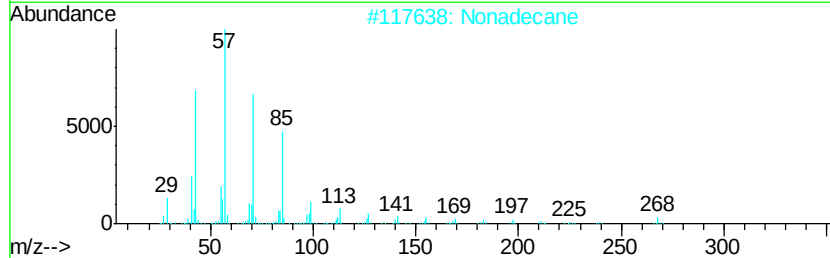
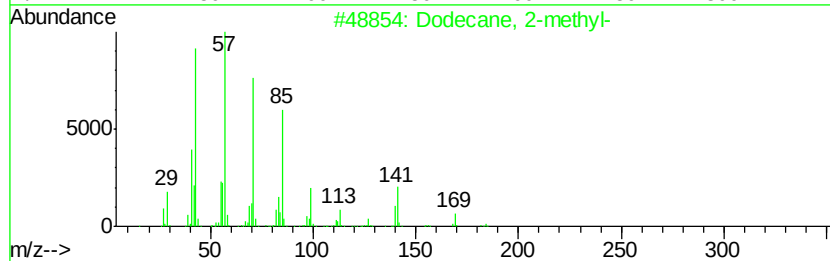
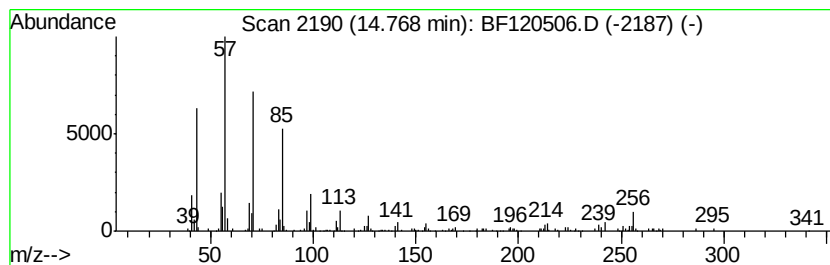
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.10 ng	151967	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	90
2	Nonadecane	268 C19H40	000629-92-5	87
3	Heneicosane	296 C21H44	000629-94-7	87
4	Tridecane, 6-propyl-	226 C16H34	055045-10-8	87
5	Triacontane	422 C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Acq On : 3 Jun 2020 13:46
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Instrument :
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ClientSampleId :
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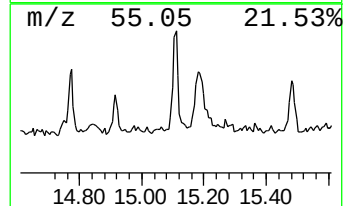
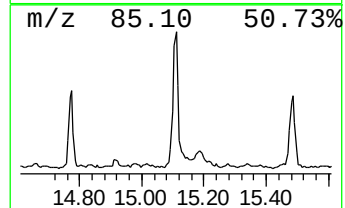
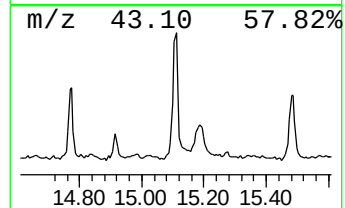
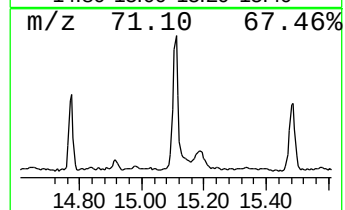
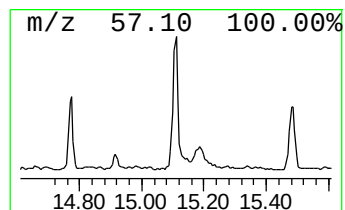
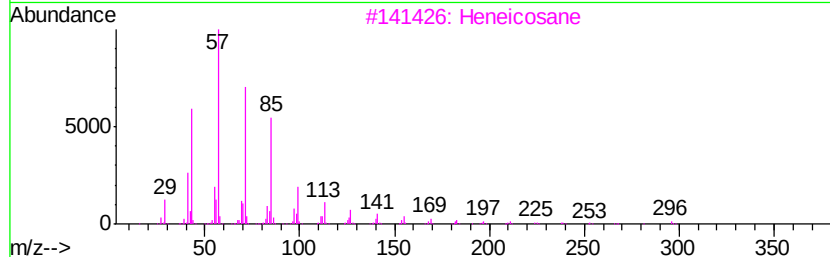
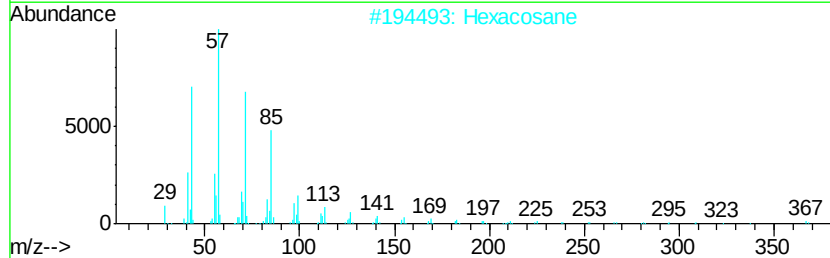
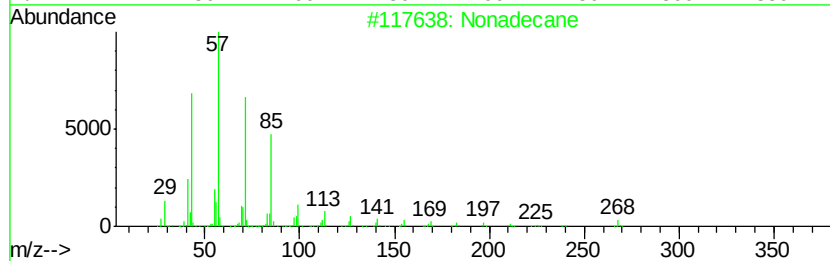
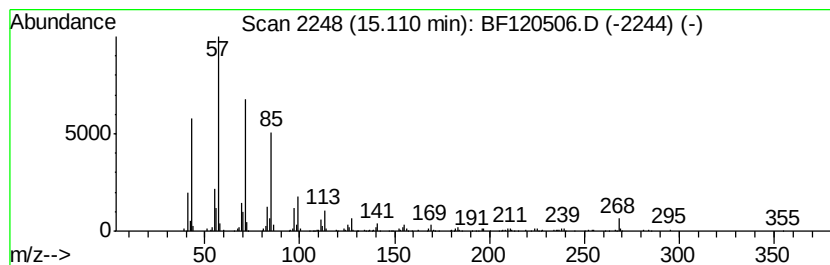
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.86 ng	279180	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Acq On : 3 Jun 2020 13:46
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Sample : L2839-02
Misc :
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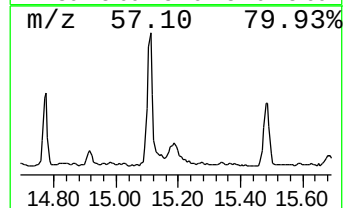
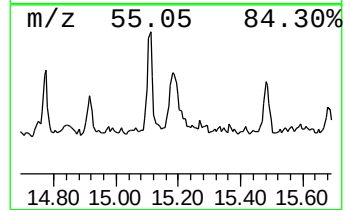
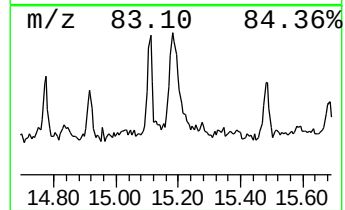
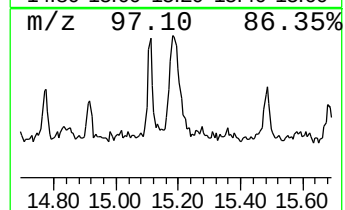
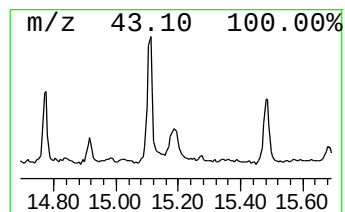
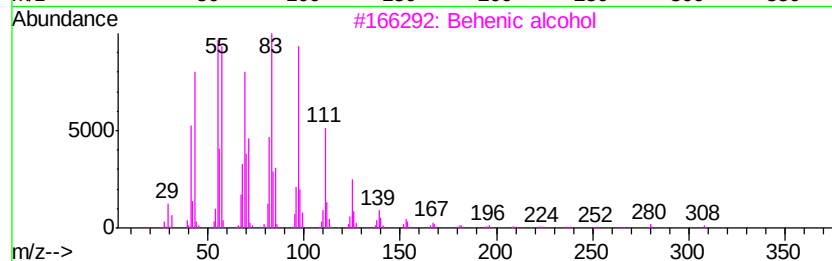
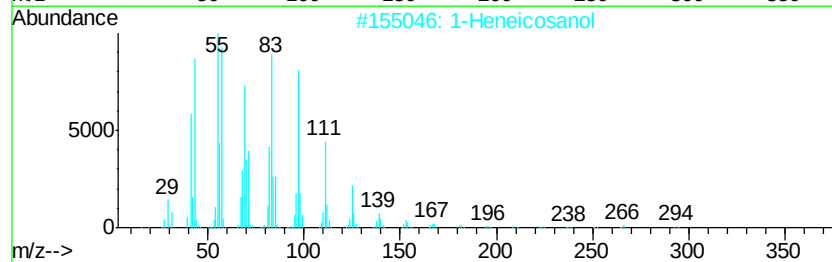
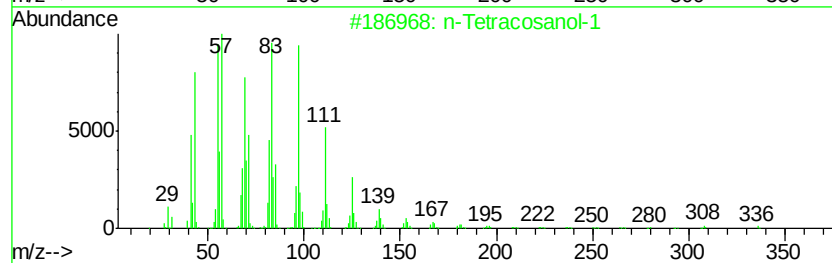
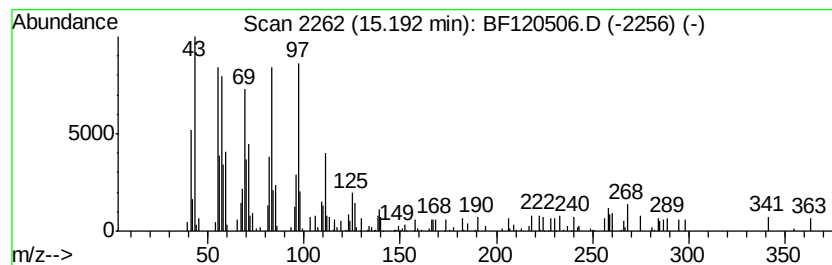
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.19	2.21 ng	159981	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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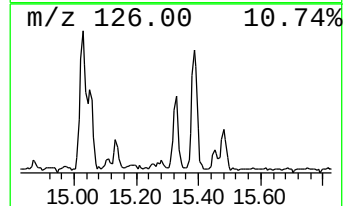
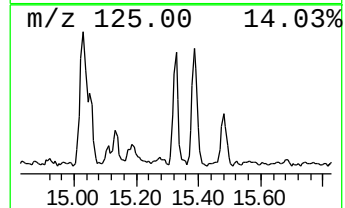
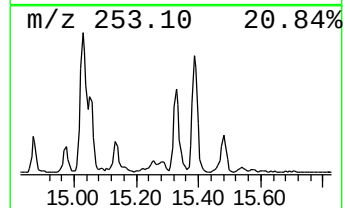
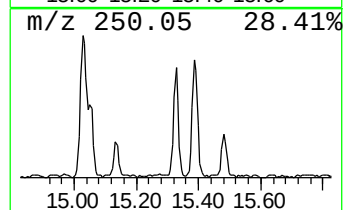
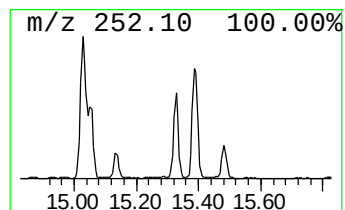
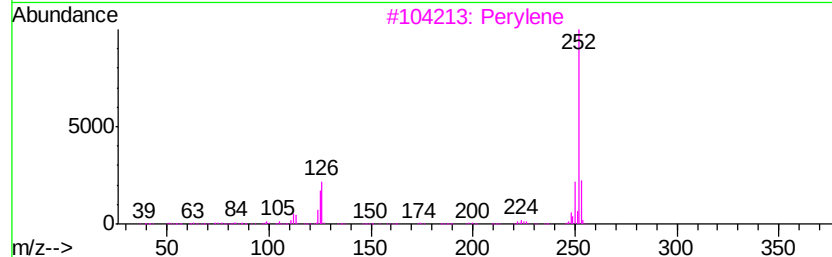
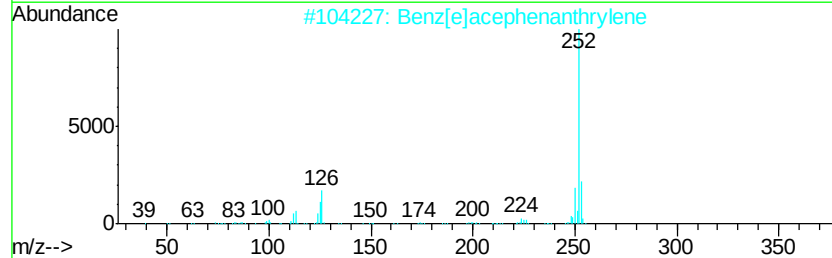
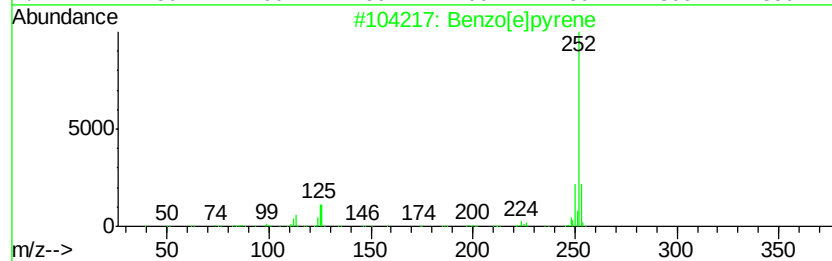
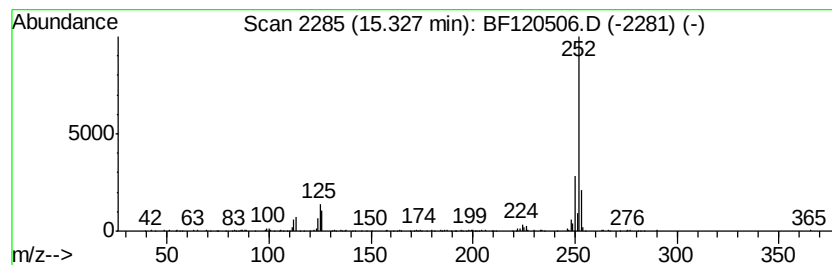
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.92 ng	210959	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Instrument :
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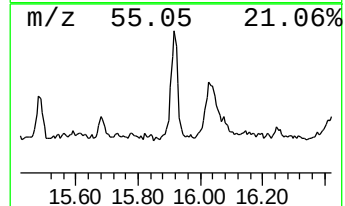
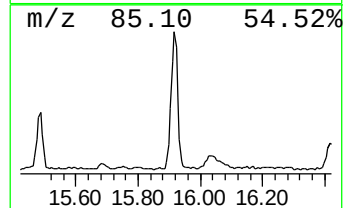
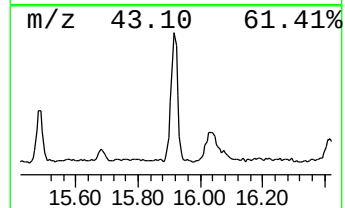
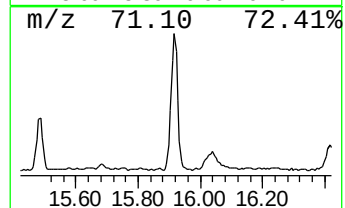
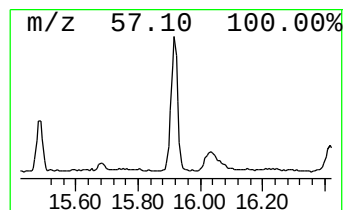
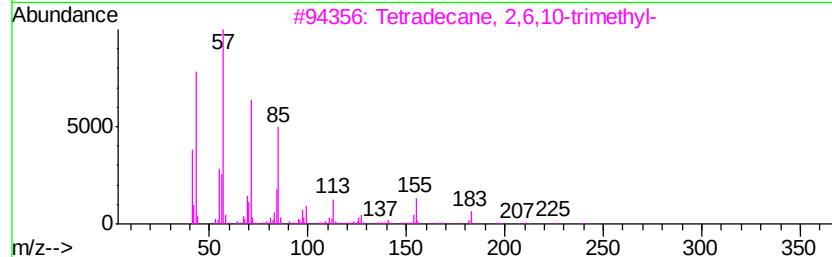
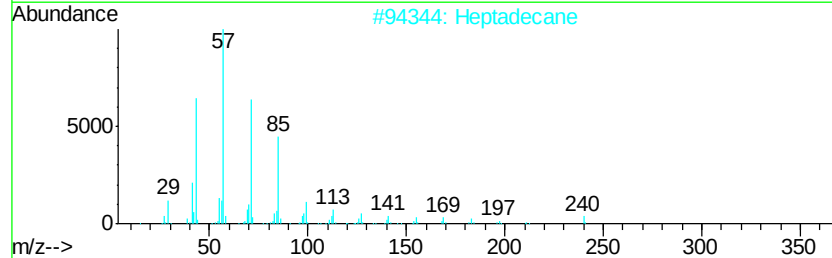
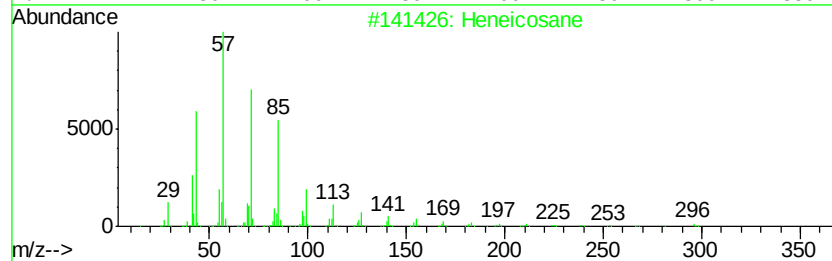
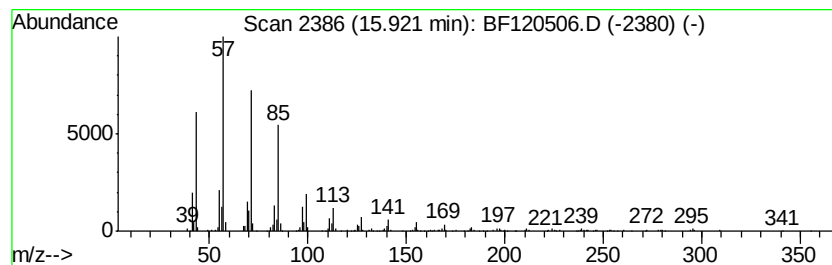
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.56 ng	474429	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Heptadecane		240	C17H36	000629-78-7	93
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	93
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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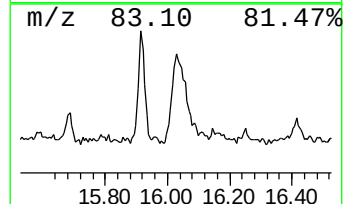
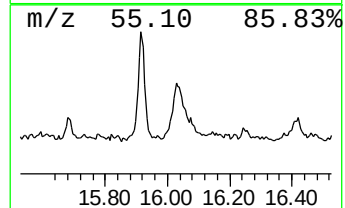
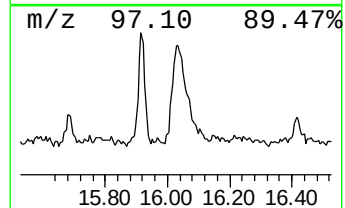
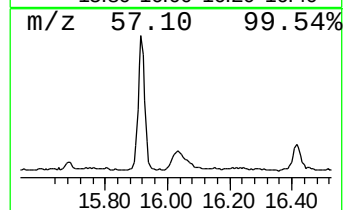
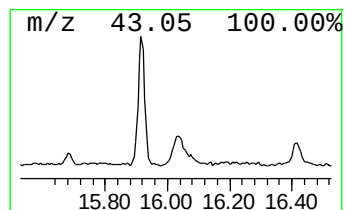
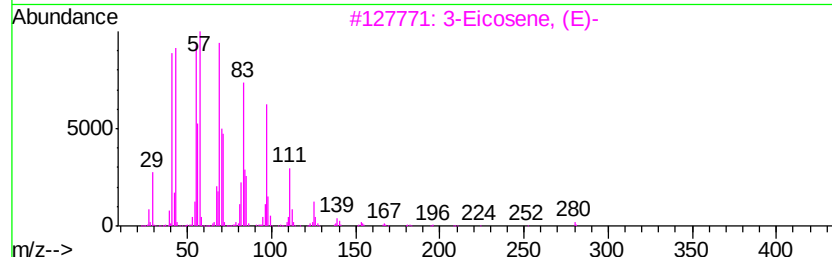
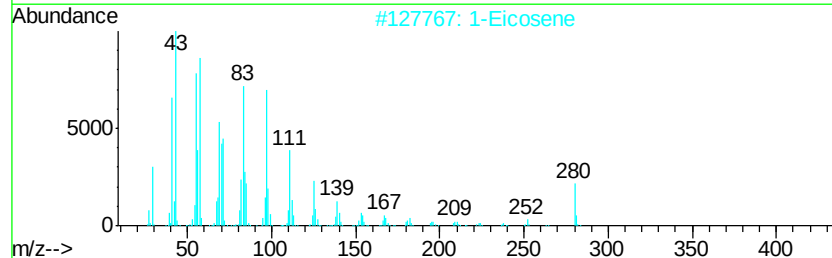
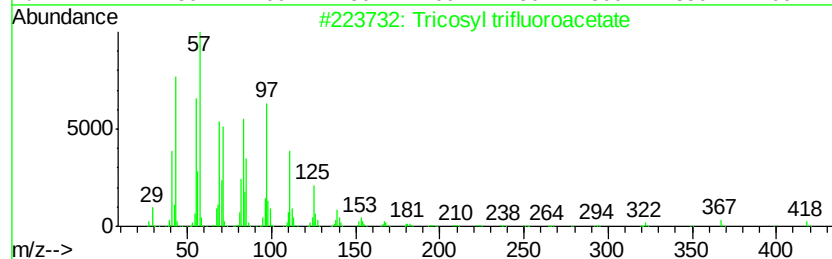
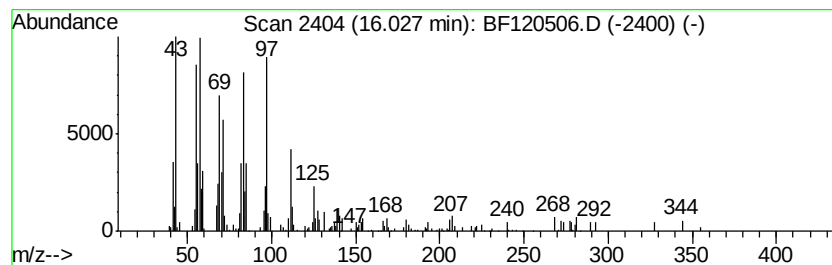
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricosyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.45 ng	321437	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2		1-Eicosene	280	C20H40	003452-07-1	89
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	87
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120506.D
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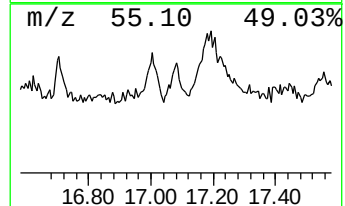
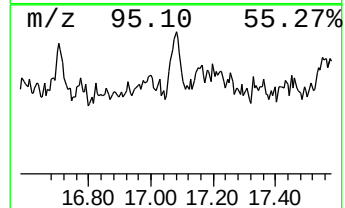
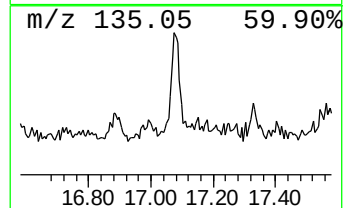
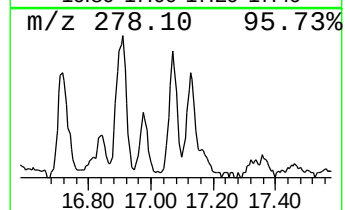
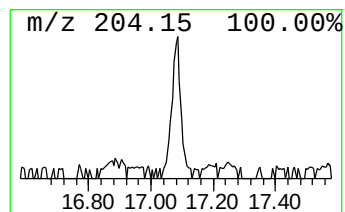
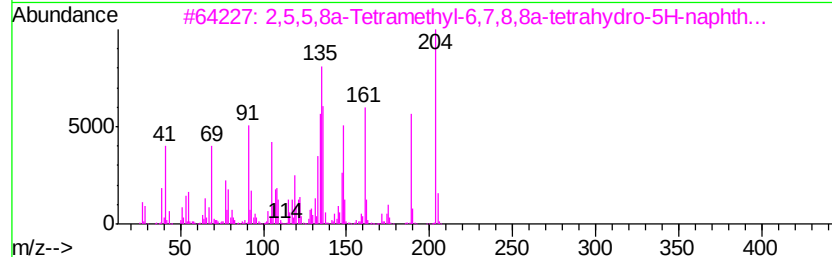
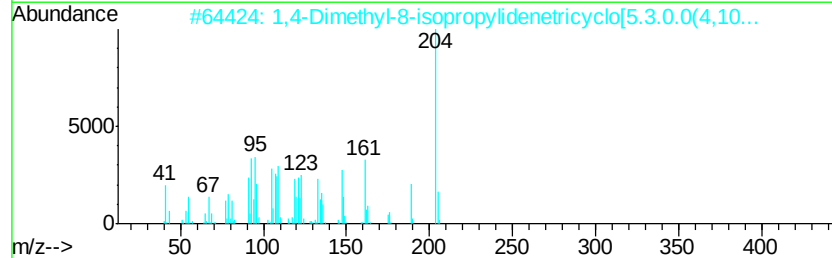
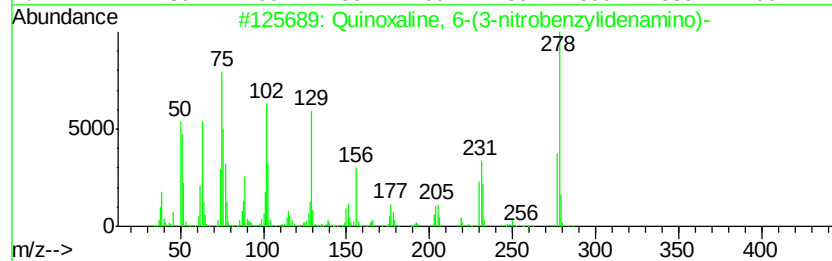
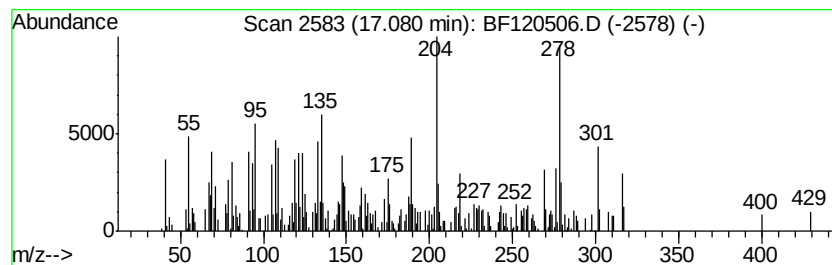
Instrument :
BNA_F
ClientSampleId :
NM43-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Quinoxaline, 6-(3-nitrobenz... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.08	2.43 ng	175497	Perylene-d12	15.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Quinoxaline, 6-(3-nitrobenzylidene...	278	C15H10N4O2	302800-55-1	59
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	56
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	42
4		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	20
5		Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
 Data File : BF120506.D
 Acq On : 3 Jun 2020 13:46
 Operator : JU/CG
 Sample : L2839-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM43-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.95	12.8	ng	826418	1	6.83	1296440	20.0
Butane, 2-methoxy...	2.09	27.9	ng	1808170	1	6.83	1296440	20.0
n-Hexadecanoic acid	11.89	5.1	ng	554841	4	11.36	2186870	20.0
n-Nonadecanol-1	13.87	7.8	ng	839126	5	14.00	2153270	20.0
Cyclohexadecane	14.52	2.6	ng	279688	5	14.00	2153270	20.0
Dodecane, 2-methyl-	14.77	2.1	ng	151967	6	15.46	1446150	20.0
Nonadecane	15.11	3.9	ng	279180	6	15.46	1446150	20.0
n-Tetracosanol-1	15.19	2.2	ng	159981	6	15.46	1446150	20.0
Benzo[e]pyrene	15.33	2.9	ng	210959	6	15.46	1446150	20.0
Heneicosane	15.92	6.6	ng	474429	6	15.46	1446150	20.0
Tricosyl trifluor...	16.03	4.5	ng	321437	6	15.46	1446150	20.0
Quinoxaline, 6-(3...	17.08	2.4	ng	175497	6	15.46	1446150	20.0