

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123260.D
 Acq On : 22 Feb 2021 15:57
 Operator : JU/CG
 Sample : M1452-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	13	rVB	454674	560098	12.74%	1.807%
2	5.081	500	509	517	rBB2	31253	47142	1.07%	0.152%
3	5.481	572	577	580	rBV	3308139	3460894	78.75%	11.168%
4	6.492	744	749	759	rVB2	3352473	3933562	89.50%	12.693%
5	6.857	807	811	814	rBV	951758	752580	17.12%	2.429%
6	7.422	901	907	910	rBV	2283888	2308379	52.52%	7.449%
7	8.139	1025	1029	1032	rBV	1256044	1003106	22.82%	3.237%
8	9.216	1207	1212	1216	rBV	3960140	3922637	89.25%	12.658%
9	9.610	1276	1279	1283	rBV	161011	124612	2.84%	0.402%
10	9.898	1324	1328	1332	rBV	1429942	1154657	26.27%	3.726%
11	10.692	1458	1463	1466	rBV	2976967	2676065	60.89%	8.635%
12	11.239	1552	1556	1562	rBV3	28545	48828	1.11%	0.158%
13	11.386	1577	1581	1584	rBV	1360296	1246816	28.37%	4.023%
14	11.410	1584	1585	1588	rVV	122368	82302	1.87%	0.266%
15	11.457	1588	1593	1598	rVB3	33600	51882	1.18%	0.167%
16	11.921	1668	1672	1683	rBV2	420030	505531	11.50%	1.631%
17	12.368	1745	1748	1754	rVB	96618	84311	1.92%	0.272%
18	12.604	1785	1788	1791	rBV	237118	210541	4.79%	0.679%
19	12.710	1802	1806	1813	rBV2	171308	241443	5.49%	0.779%
20	12.833	1822	1827	1830	rBV	195722	169512	3.86%	0.547%
21	12.986	1845	1853	1856	rBV	4626691	4394914	100.00%	14.182%
22	13.521	1940	1944	1947	rBV	193607	162147	3.69%	0.523%
23	13.898	2003	2008	2024	rBV6	134549	486171	11.06%	1.569%
24	14.039	2027	2032	2035	rVV	1356051	1306043	29.72%	4.214%
25	14.062	2035	2036	2039	rVB	104750	53509	1.22%	0.173%
26	14.204	2057	2060	2063	rBV	54403	47092	1.07%	0.152%
27	14.510	2108	2112	2115	rBV	79889	80397	1.83%	0.259%
28	14.815	2162	2164	2168	rVB	55581	52817	1.20%	0.170%
29	15.080	2205	2209	2217	rVB	91155	176699	4.02%	0.570%
30	15.157	2219	2222	2225	rVV	75279	78581	1.79%	0.254%
31	15.380	2257	2260	2266	rVB	54097	68878	1.57%	0.222%
32	15.445	2267	2271	2277	rVB	71825	87925	2.00%	0.284%
33	15.509	2277	2282	2286	rBV	805836	1058364	24.08%	3.415%
34	15.980	2358	2362	2370	rVB	71961	109228	2.49%	0.352%
35	16.492	2445	2449	2454	rBV3	38460	57840	1.32%	0.187%
36	16.974	2527	2531	2543	rVB3	28549	63753	1.45%	0.206%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.092	2548	2551	2559	rVB4	33079	63136	1.44%	0.204%
38	17.427	2603	2608	2615	rVB	25177	56936	1.30%	0.184%

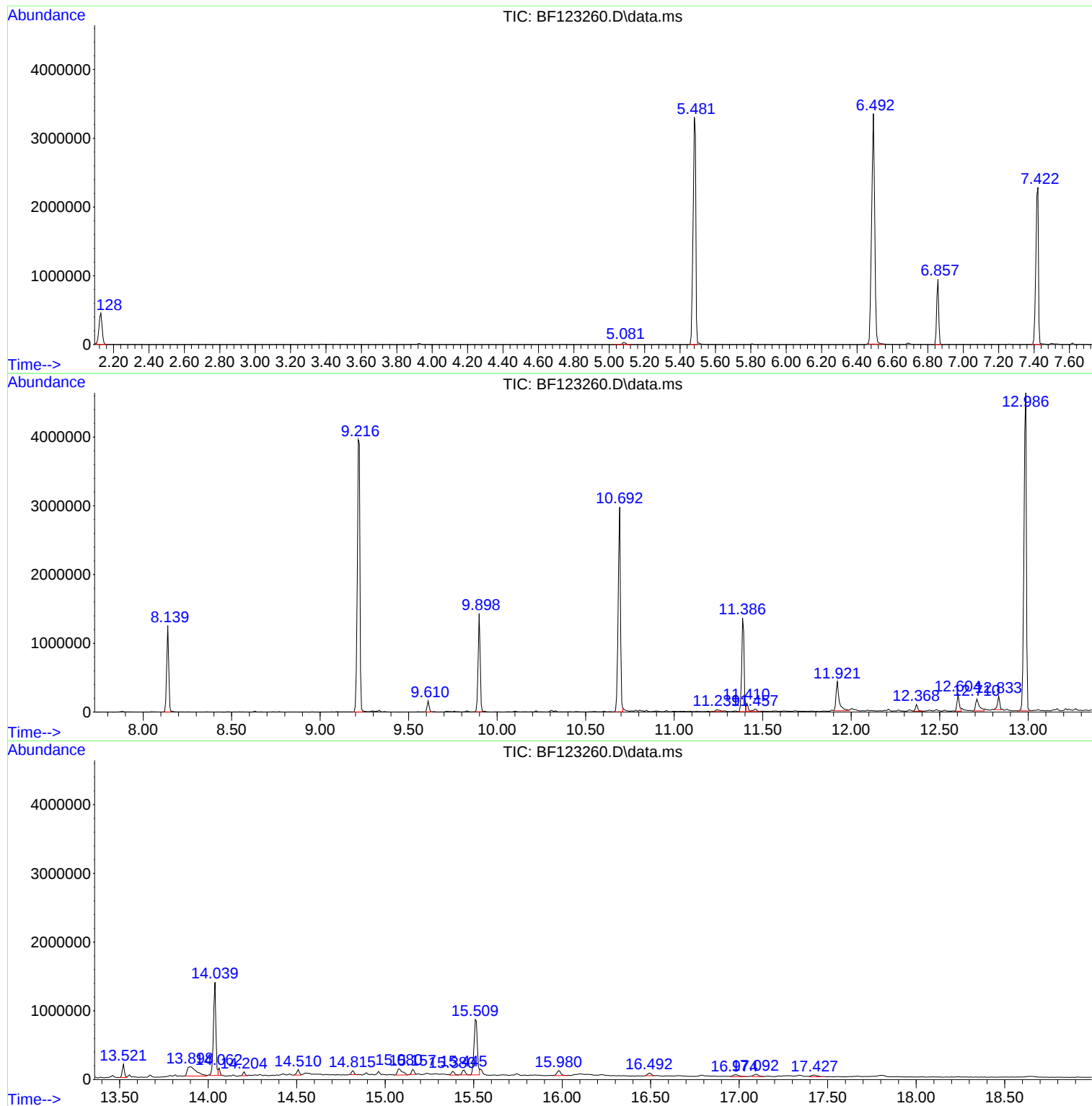
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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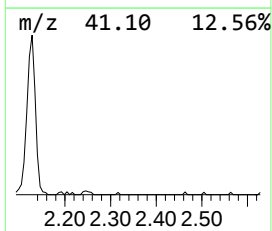
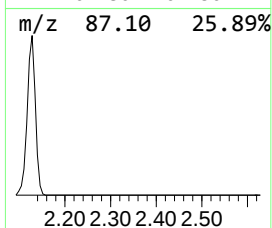
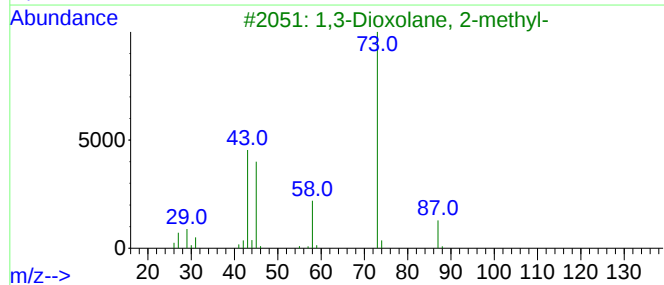
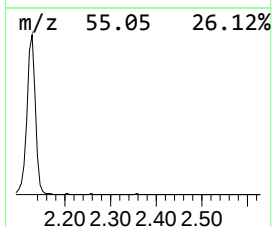
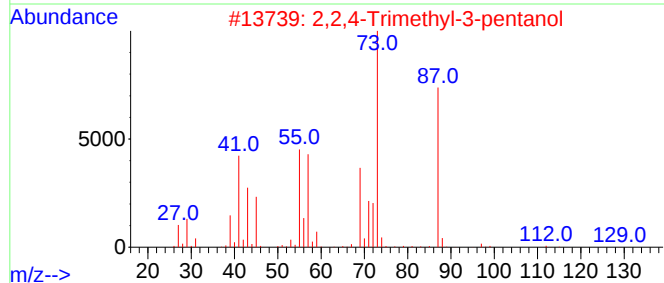
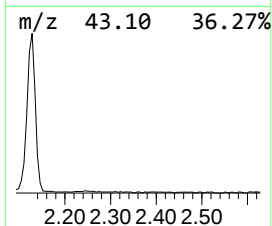
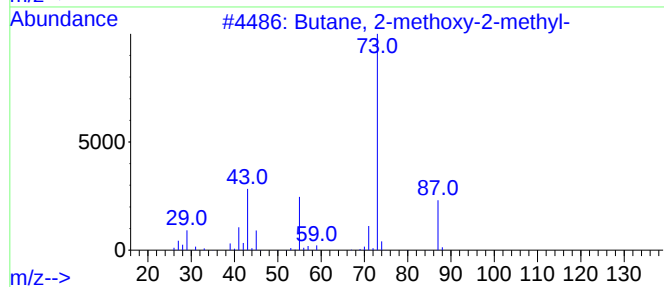
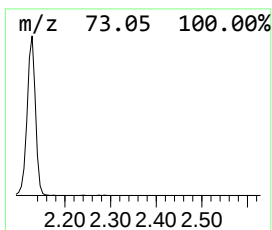
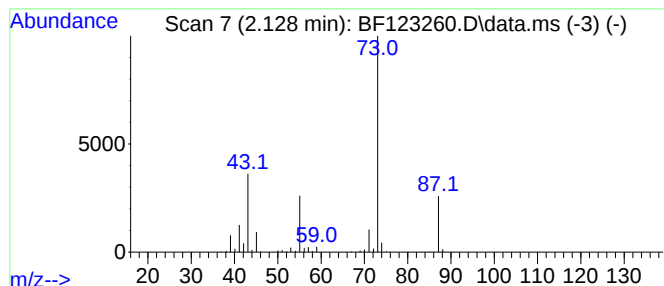
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	14.88 ng	560098	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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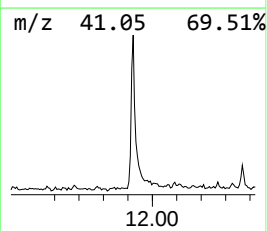
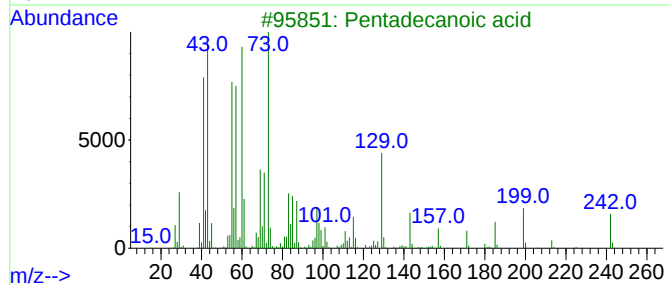
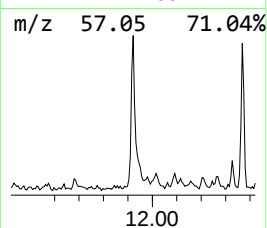
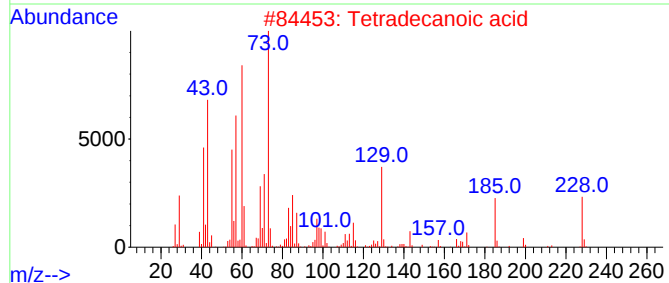
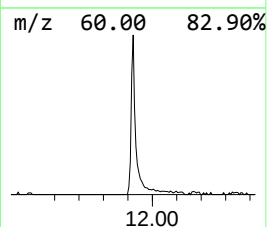
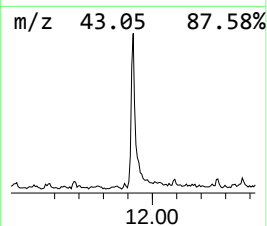
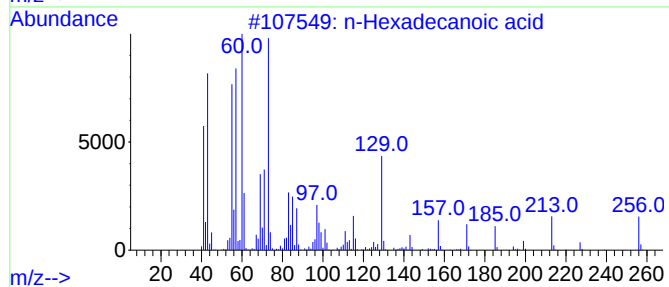
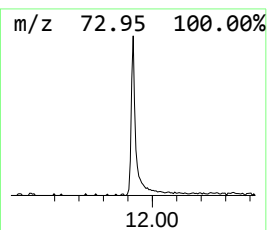
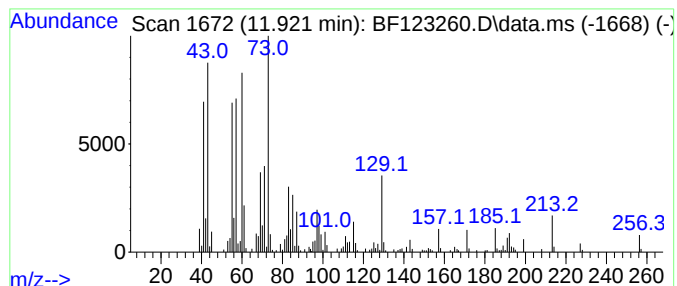
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	8.11 ng	505531	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25



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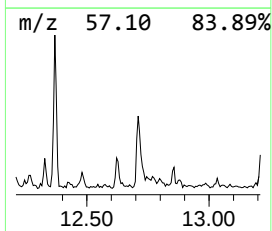
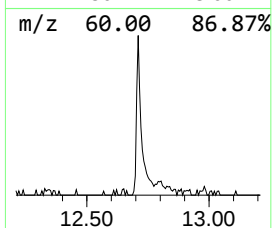
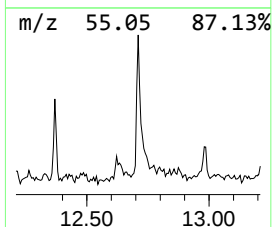
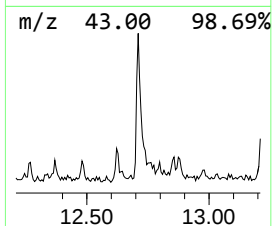
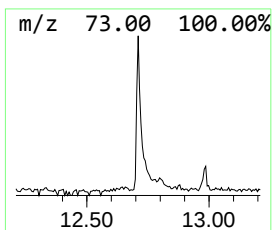
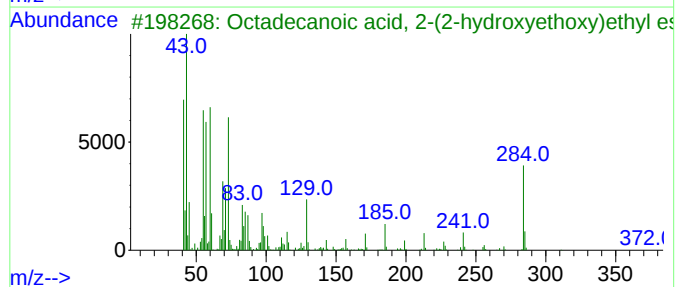
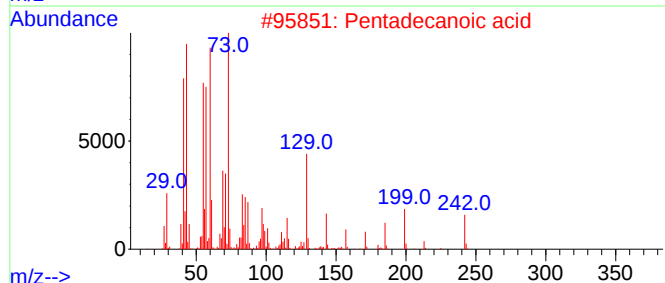
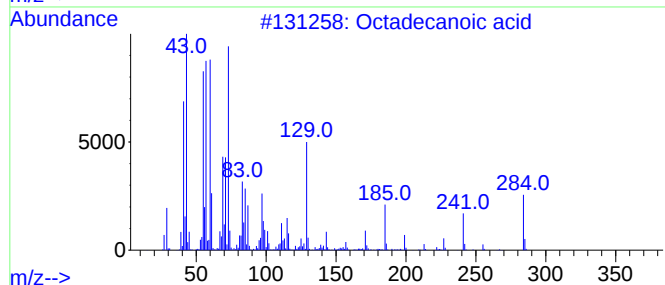
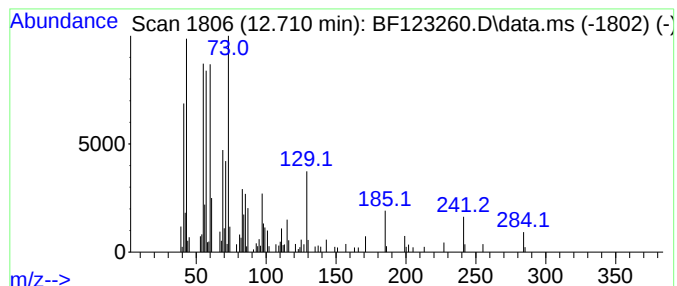
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.87 ng	241443	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Hexanoic acid, 2-acetyl-, ethyl ...	186	C10H18O3	001540-29-0	25



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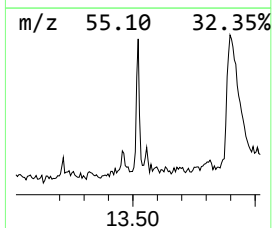
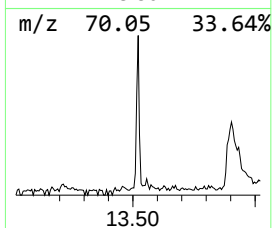
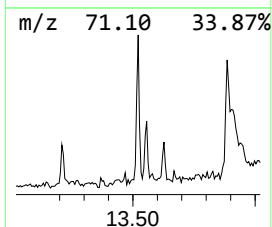
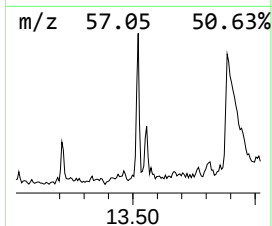
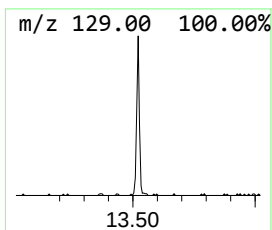
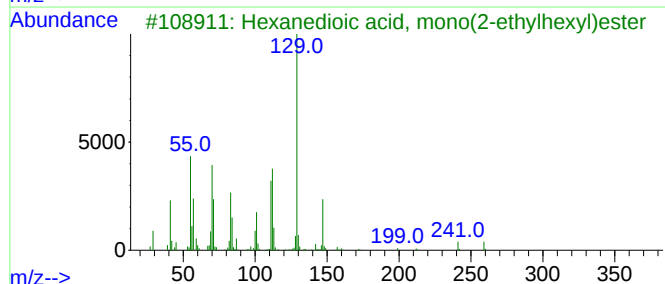
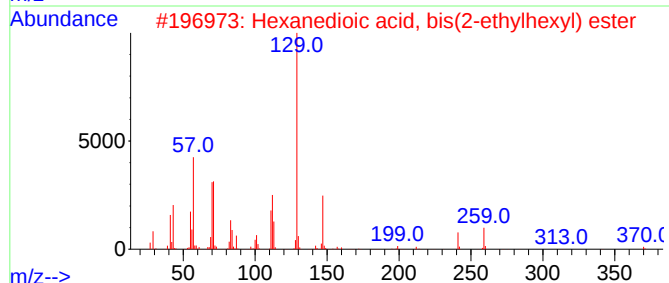
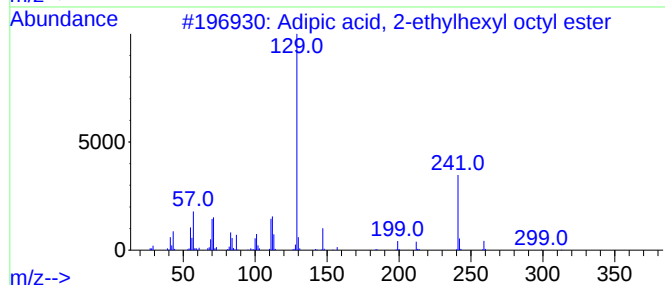
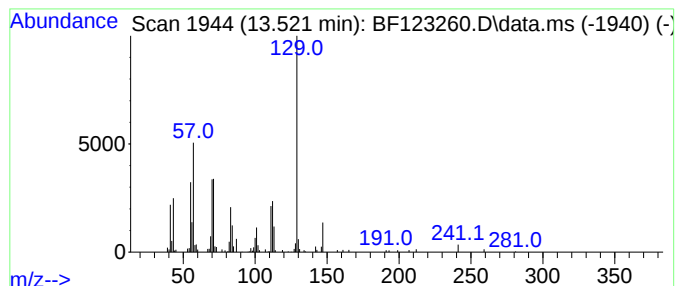
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.521	2.48 ng	162147	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	76
4			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53
5			Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53



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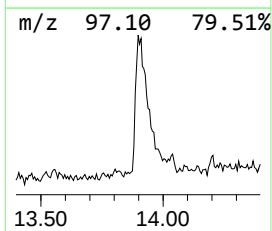
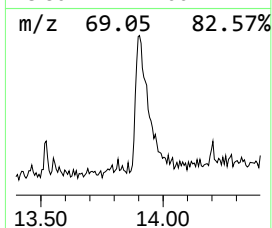
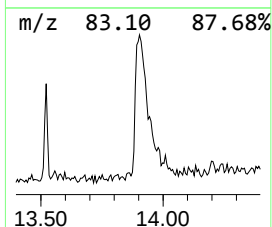
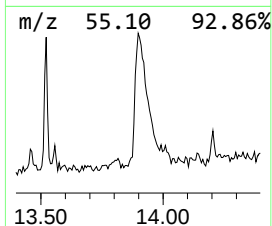
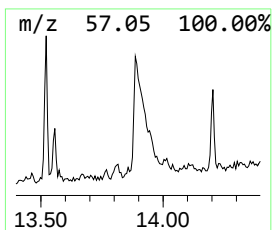
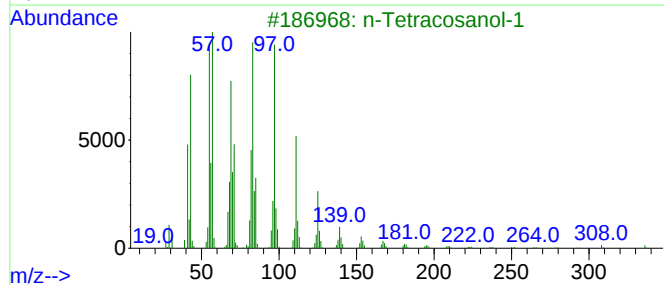
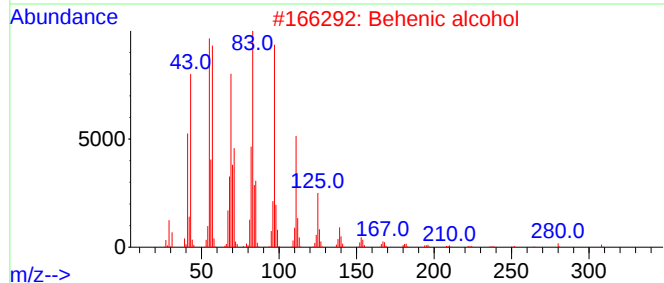
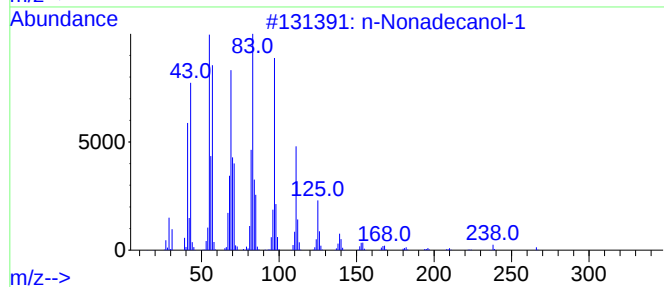
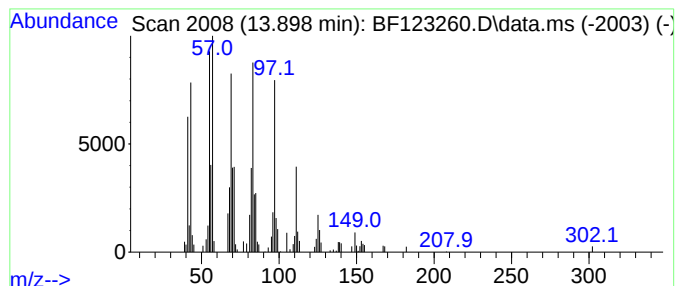
Instrument :
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.898	7.44 ng	486171	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123260.D
Acq On : 22 Feb 2021 15:57
Operator : JU/CG
Sample : M1452-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-7

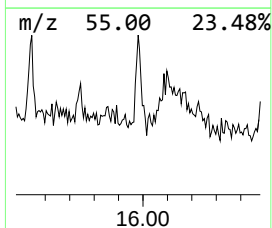
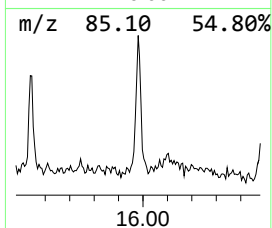
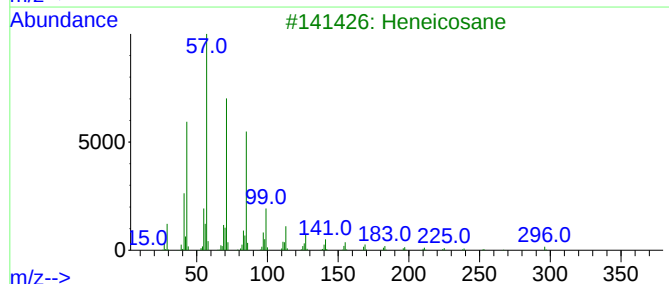
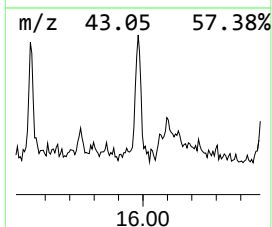
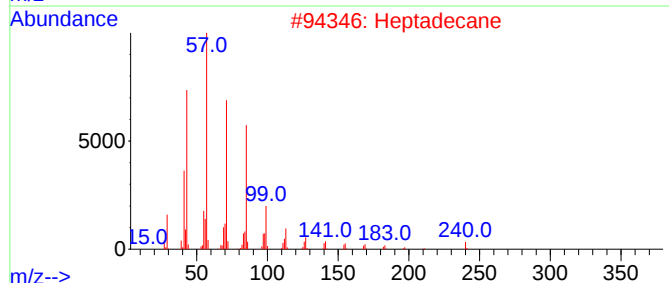
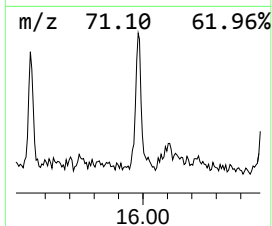
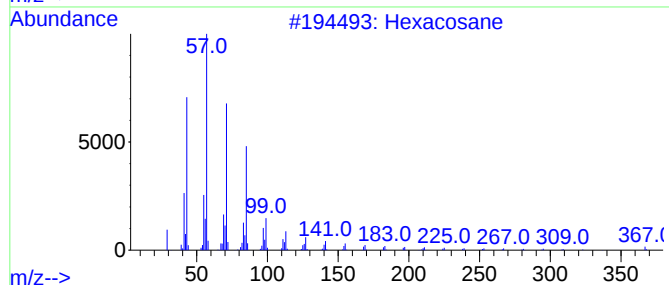
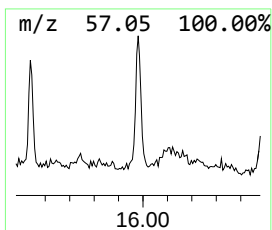
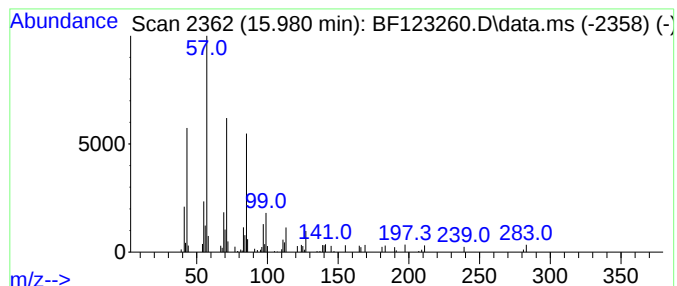
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.06 ng	109228	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123260.D
Acq On : 22 Feb 2021 15:57
Operator : JU/CG
Sample : M1452-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
Butane, 2-metho...	2.128	14.9	ng	560098	1	6.857	752580	20.0
n-Hexadecanoic ...	11.921	8.1	ng	505531	4	11.386	1246820	20.0
Octadecanoic acid	12.710	3.9	ng	241443	4	11.386	1246820	20.0
Adipic acid, 2-...	13.521	2.5	ng	162147	5	14.039	1306040	20.0
n-Nonadecanol-1	13.898	7.4	ng	486171	5	14.039	1306040	20.0
Hexacosane	15.980	2.1	ng	109228	6	15.509	1058360	20.0