

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123339.D
 Acq On : 2 Mar 2021 16:44
 Operator : JU/CG
 Sample : M1526-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

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: BF123339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	15	rVB	468786	586045	15.00%	2.065%
2	5.475	572	576	593	rBV	3187113	3219011	82.40%	11.343%
3	6.487	743	748	768	rBV	3233913	3348985	85.73%	11.801%
4	6.851	806	810	813	rBV	1024994	813390	20.82%	2.866%
5	7.416	901	906	909	rBV	2366143	2116450	54.18%	7.458%
6	8.134	1024	1028	1042	rBV	1215403	1096016	28.06%	3.862%
7	9.216	1207	1212	1222	rBV	3720397	3646568	93.35%	12.850%
8	9.610	1275	1279	1288	rBV	87067	99427	2.55%	0.350%
9	9.892	1323	1327	1343	rVB	1415615	1264327	32.36%	4.455%
10	10.686	1458	1462	1472	rBV	2210753	2127416	54.46%	7.497%
11	11.386	1577	1581	1584	rBV	1526103	1316920	33.71%	4.641%
12	11.451	1590	1592	1597	rVB4	34184	44898	1.15%	0.158%
13	11.916	1663	1671	1678	rBV3	116248	205220	5.25%	0.723%
14	12.204	1717	1720	1724	rBV	47664	46280	1.18%	0.163%
15	12.363	1744	1747	1750	rBV	302669	246094	6.30%	0.867%
16	12.421	1754	1757	1761	rVV	60401	60237	1.54%	0.212%
17	12.463	1761	1764	1771	rVB2	30959	42851	1.10%	0.151%
18	12.604	1785	1788	1798	rBV2	123877	149106	3.82%	0.525%
19	12.704	1801	1805	1813	rBV	259357	373873	9.57%	1.317%
20	12.769	1813	1816	1819	rVB	49366	51607	1.32%	0.182%
21	12.833	1825	1827	1832	rVB	122372	109235	2.80%	0.385%
22	12.980	1847	1852	1855	rBV	4378030	3906473	100.00%	13.766%
23	13.592	1953	1956	1958	rVB	60478	45470	1.16%	0.160%
24	13.898	2002	2008	2024	rBV3	286986	950269	24.33%	3.349%
25	14.039	2027	2032	2035	rVV	1091717	1126814	28.84%	3.971%
26	14.063	2035	2036	2041	rVB	79035	48011	1.23%	0.169%
27	14.504	2107	2111	2114	rBV2	44903	54076	1.38%	0.191%
28	14.568	2116	2122	2126	rVV8	26753	63365	1.62%	0.223%
29	15.080	2205	2209	2213	rBV	57305	101042	2.59%	0.356%
30	15.151	2218	2221	2224	rVV	49951	51585	1.32%	0.182%
31	15.445	2268	2271	2276	rBV2	35538	49149	1.26%	0.173%
32	15.515	2277	2283	2294	rVB	589391	889224	22.76%	3.133%
33	15.968	2357	2360	2365	rVB2	36337	48913	1.25%	0.172%
34	16.098	2376	2382	2386	rBV8	32334	80104	2.05%	0.282%

Sum of corrected areas: 28378451

Instrument :

BNA_F

ClientSampleId :

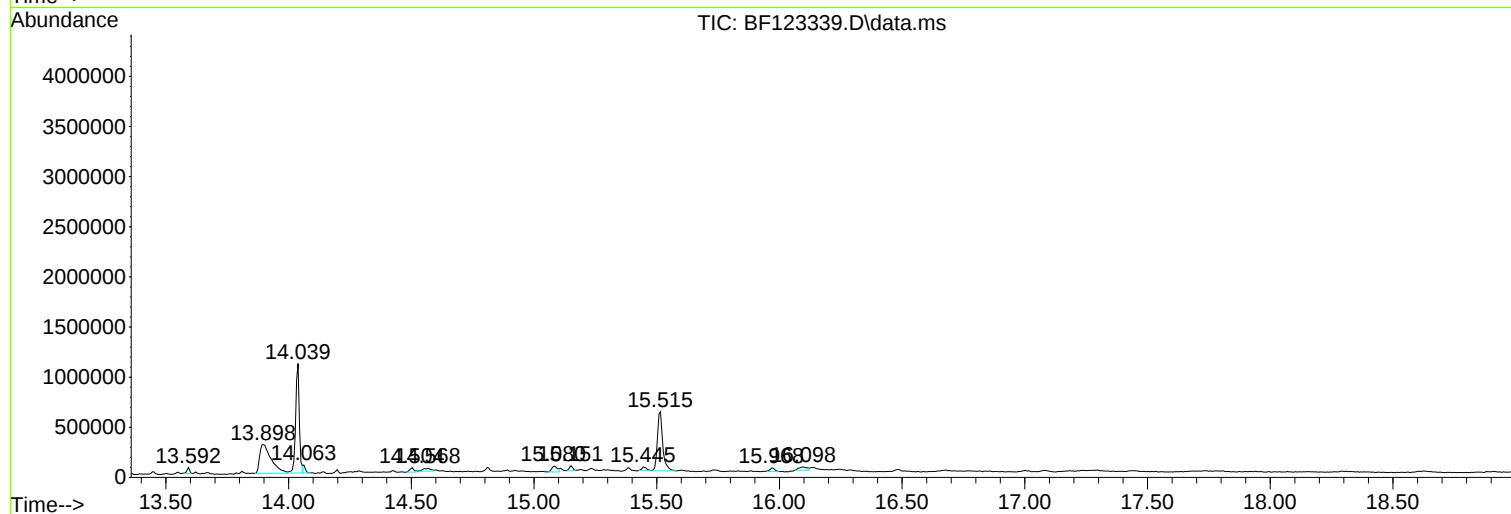
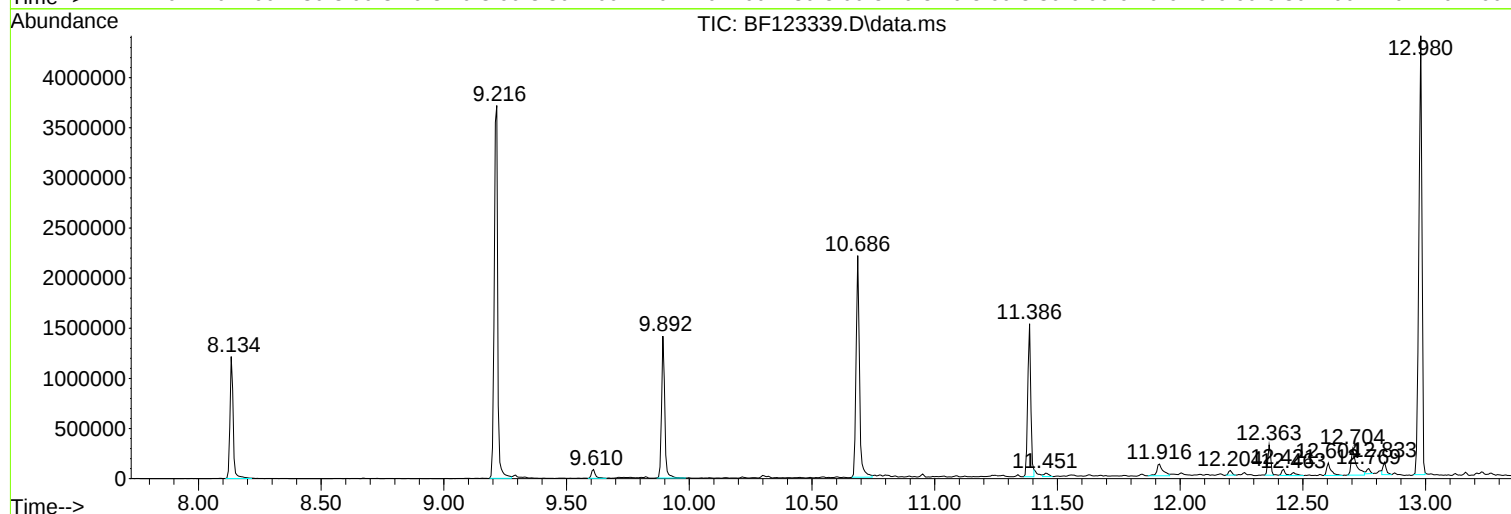
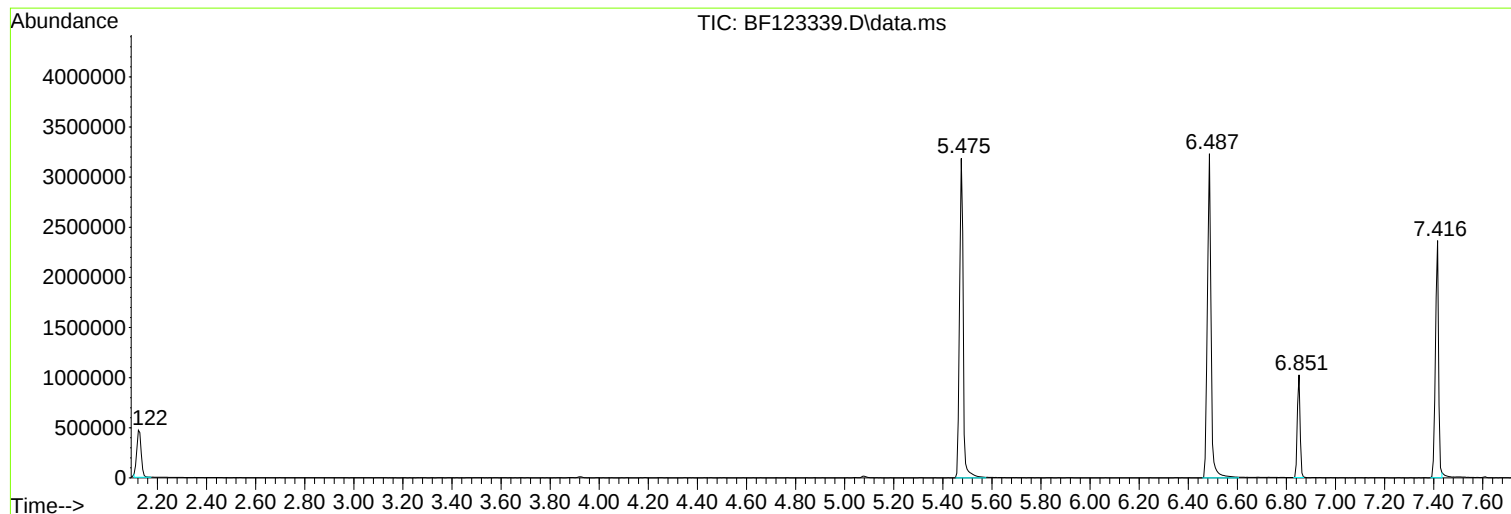
STOCK-PILE

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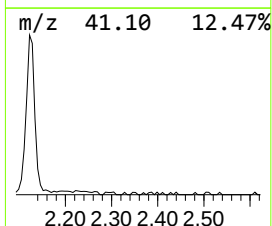
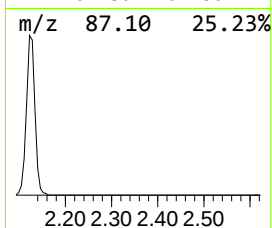
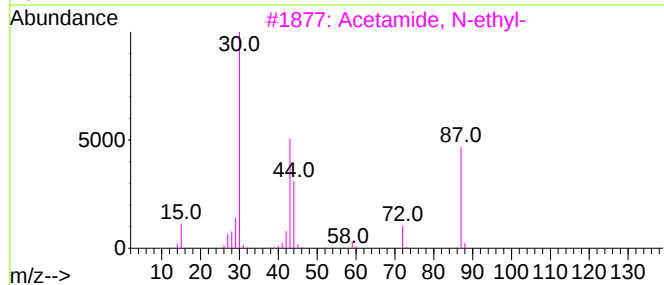
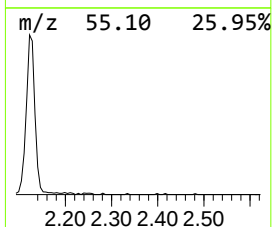
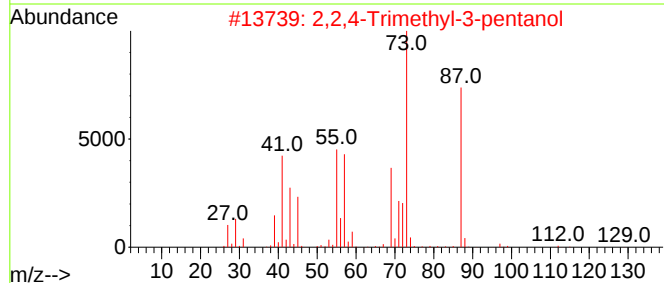
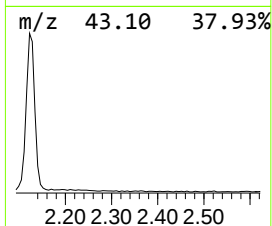
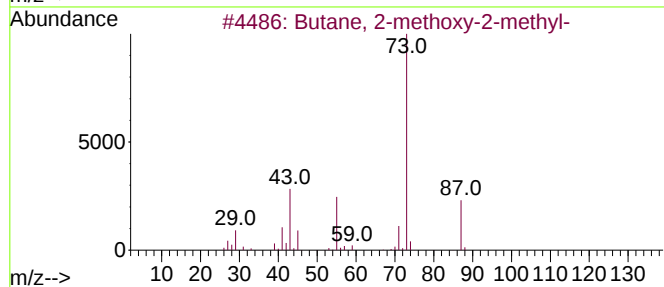
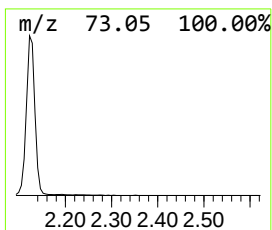
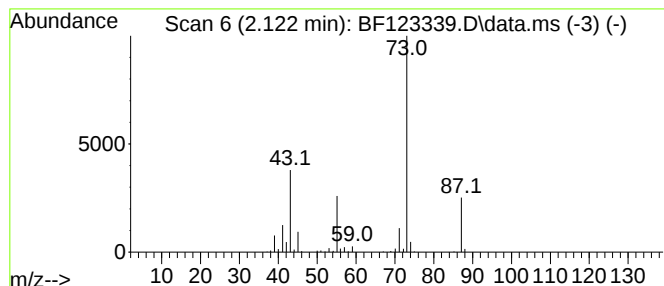
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	14.41 ng	586045	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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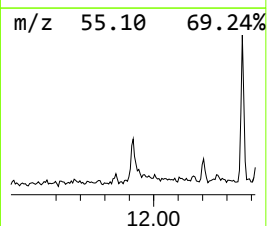
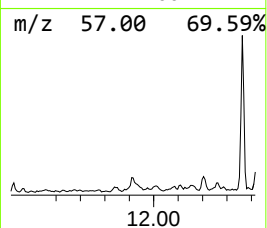
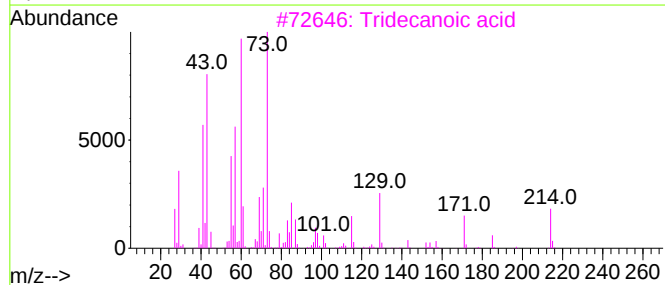
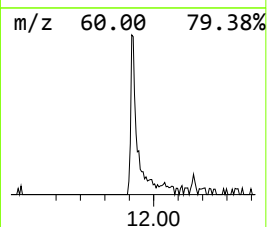
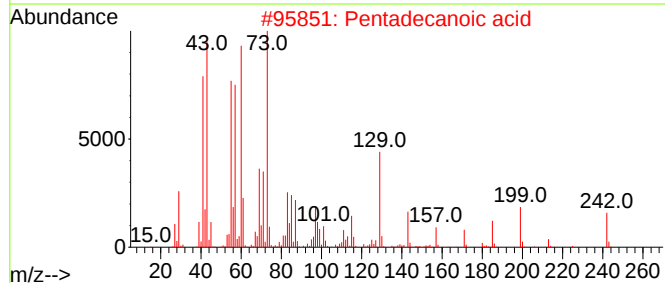
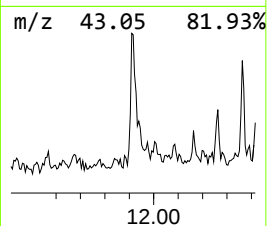
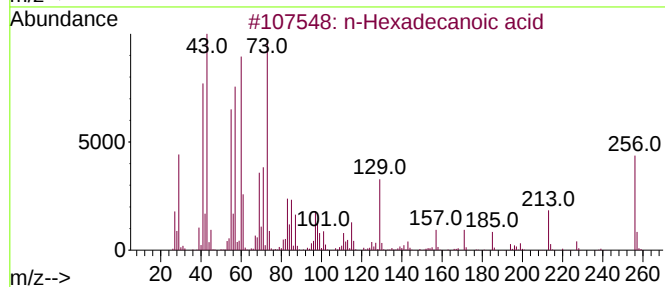
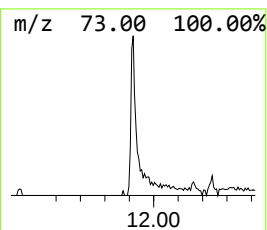
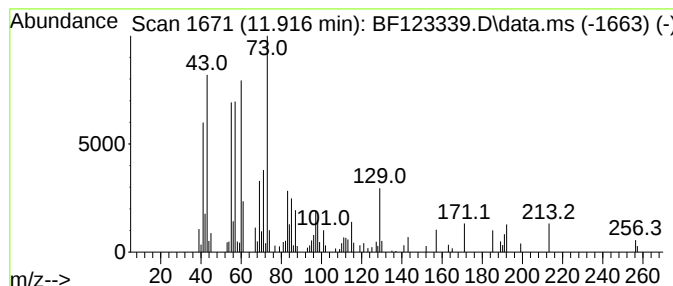
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.12 ng	205220	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



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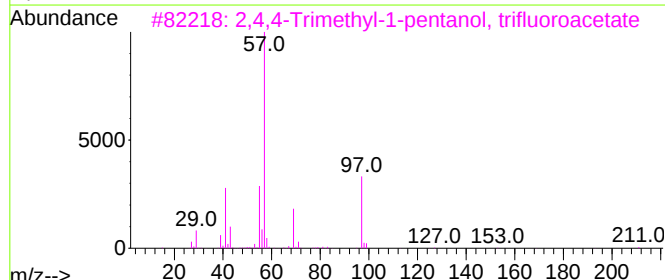
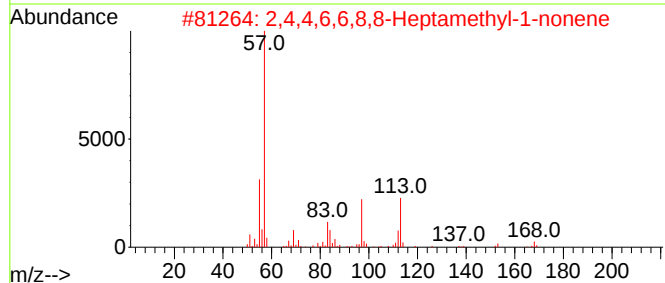
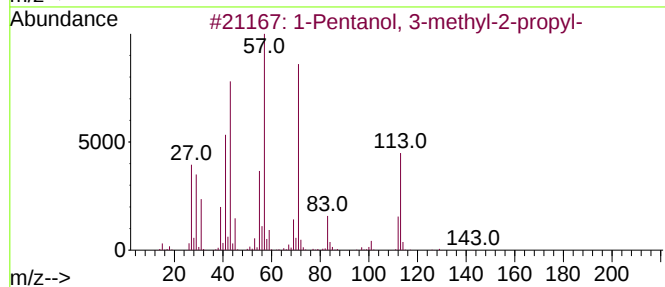
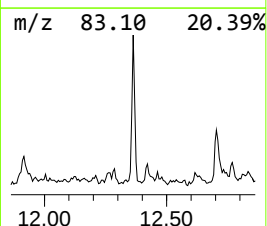
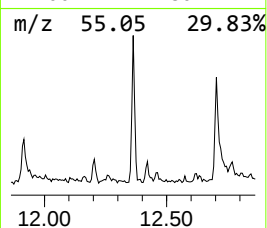
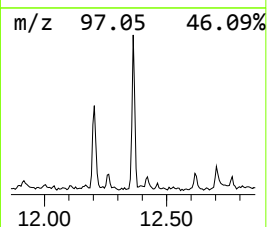
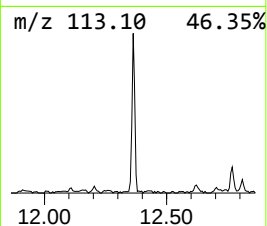
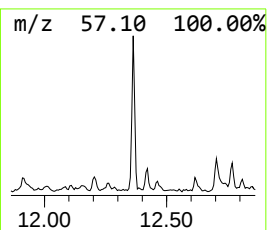
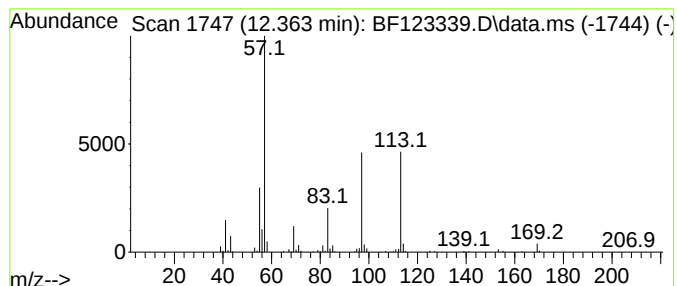
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Peak Number 3 unknown12.36 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.74 ng	246094	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40		
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37		
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35		
4	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25		
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	22		



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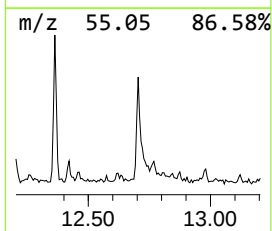
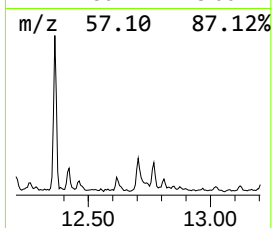
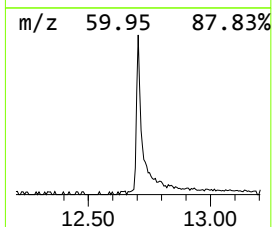
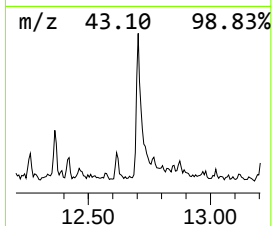
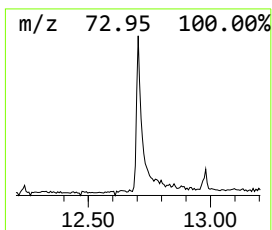
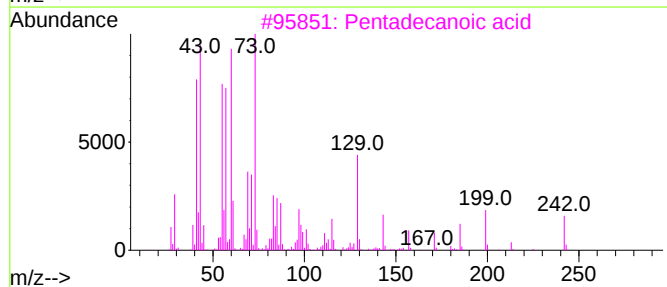
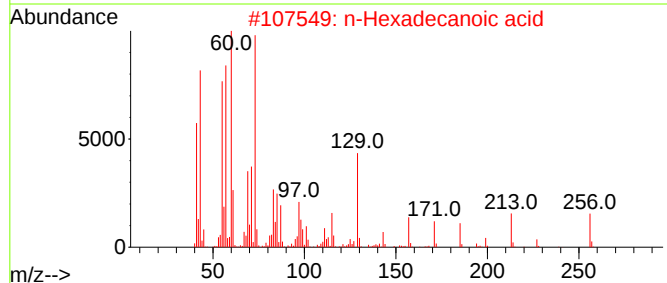
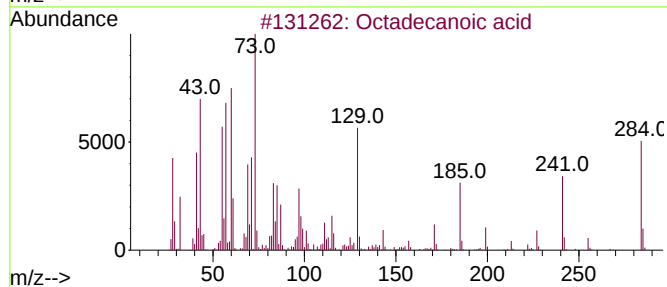
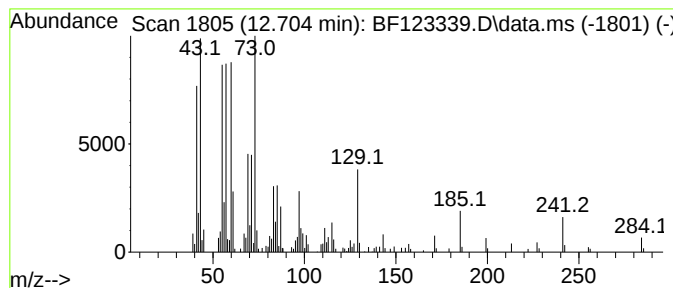
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Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	5.68 ng	373873	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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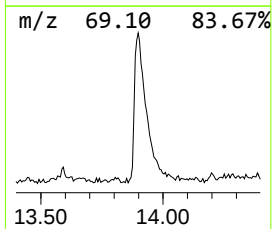
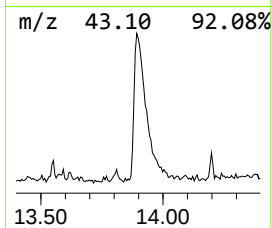
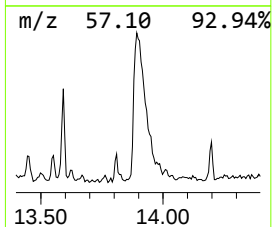
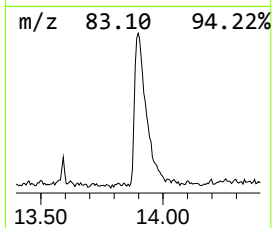
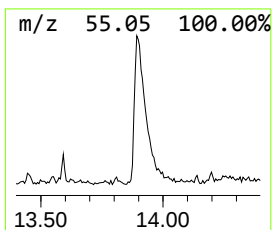
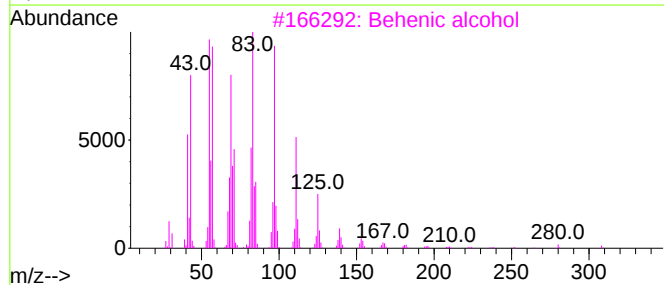
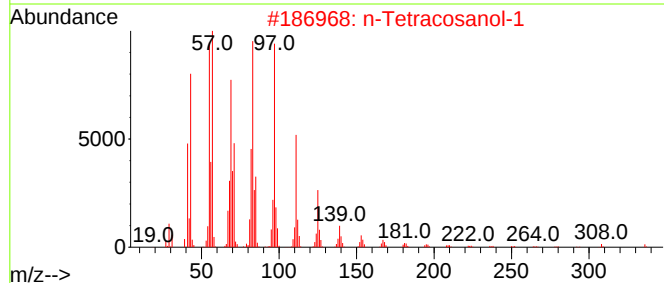
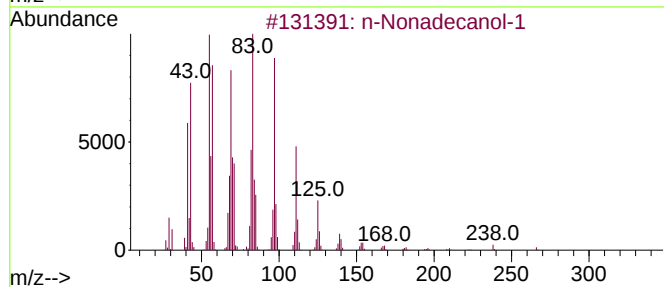
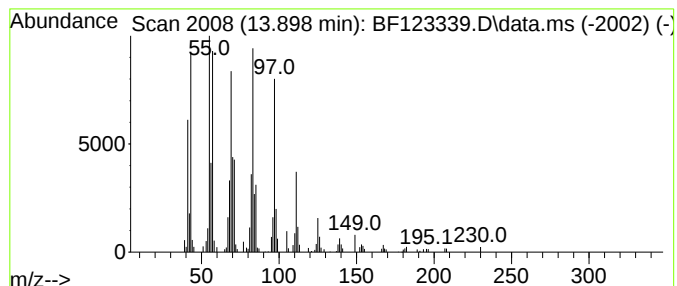
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Peak Number 6 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	16.87 ng	950269	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94		
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94		
3	Behenic alcohol	326	C22H46O	000661-19-8	94		
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93		
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93		



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BNA_F
ClientSampleId :
STOCK-PILE

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...	2.122	14.4	ng	586045	1	6.851	813390	20.0
n-Hexadecanoic ...	11.916	3.1	ng	205220	4	11.386	1316920	20.0
unknown12.36	12.363	3.7	ng	246094	4	11.386	1316920	20.0
Octadecanoic acid	12.704	5.7	ng	373873	4	11.386	1316920	20.0
n-Nonadecanol-1	13.898	16.9	ng	950269	5	14.039	1126810	20.0