

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122942.D
 Acq On : 8 Jan 2021 15:57
 Operator : JU/CG
 Sample : M1038-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CT-SP

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-BF010721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	18	25	31	rVB	520447	684593	16.19%	2.146%
2	5.140	510	519	523	rBV2	44911	66360	1.57%	0.208%
3	5.528	580	585	589	rBV	3291922	3413874	80.72%	10.700%
4	6.528	750	755	758	rBV	3484649	3484237	82.38%	10.921%
5	6.916	817	821	824	rBV	1350253	1048380	24.79%	3.286%
6	7.469	910	915	919	rBV	2170361	2191414	51.82%	6.868%
7	8.198	1035	1039	1042	rBV	1706621	1404200	33.20%	4.401%
8	9.275	1217	1222	1225	rBV	4455698	3974220	93.97%	12.456%
9	9.363	1232	1237	1241	rBV4	37458	54693	1.29%	0.171%
10	9.663	1285	1288	1292	rBV	61312	52360	1.24%	0.164%
11	9.757	1299	1304	1311	rBV4	52320	64239	1.52%	0.201%
12	9.957	1334	1338	1341	rBV	1966339	1615994	38.21%	5.065%
13	10.745	1467	1472	1475	rBV	2962709	2662388	62.95%	8.345%
14	11.445	1587	1591	1595	rBV	1940582	1702159	40.25%	5.335%
15	11.974	1675	1681	1685	rBV	279078	292780	6.92%	0.918%
16	12.274	1729	1732	1736	rVB	45525	53717	1.27%	0.168%
17	12.433	1756	1759	1763	rBV	316131	295269	6.98%	0.925%
18	12.492	1766	1769	1774	rVB	90787	77551	1.83%	0.243%
19	12.763	1811	1815	1821	rBV	61350	76939	1.82%	0.241%
20	12.839	1825	1828	1831	rVV	63884	58428	1.38%	0.183%
21	12.892	1833	1837	1843	rVB2	37159	60645	1.43%	0.190%
22	13.039	1858	1862	1865	rBV	4686772	4229266	100.00%	13.256%
23	13.939	2011	2015	2028	rBV	884553	880242	20.81%	2.759%
24	14.098	2037	2042	2045	rBV	1727747	1641346	38.81%	5.144%
25	14.580	2121	2124	2130	rBV	58935	63480	1.50%	0.199%
26	15.586	2289	2295	2300	rBV	1193250	1444015	34.14%	4.526%
27	15.633	2300	2303	2308	rVB	36390	45054	1.07%	0.141%
28	16.086	2377	2380	2384	rBV	37656	51355	1.21%	0.161%
29	16.133	2384	2388	2398	rVB	99254	169817	4.02%	0.532%
30	17.327	2586	2591	2598	rBV6	20177	46328	1.10%	0.145%

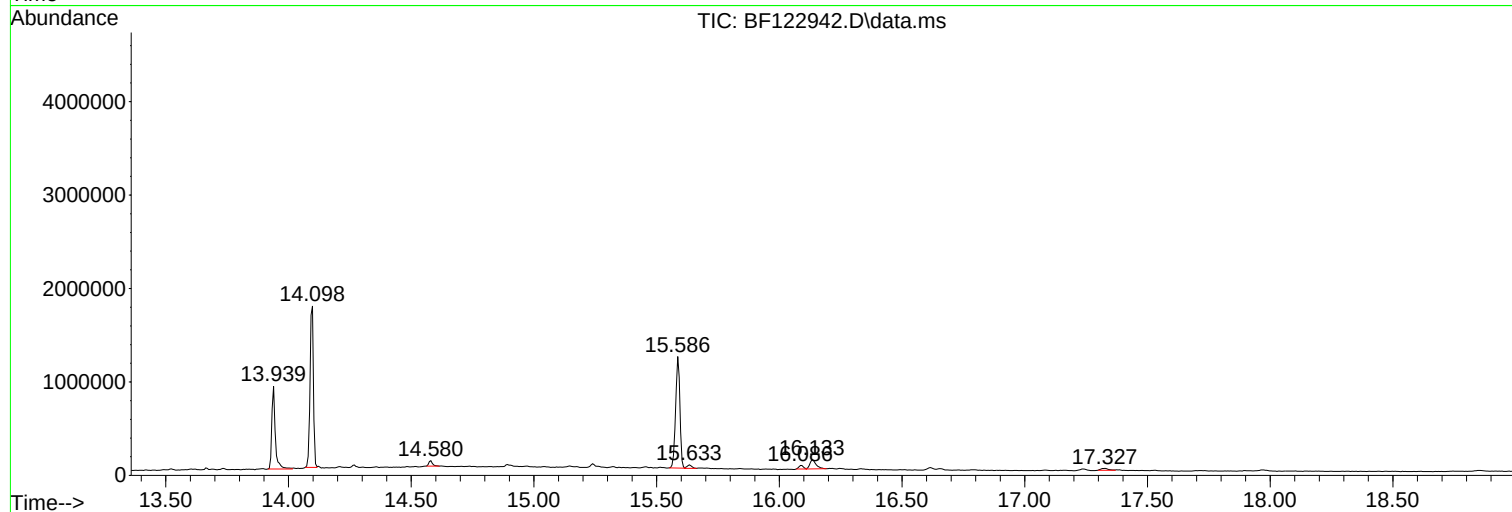
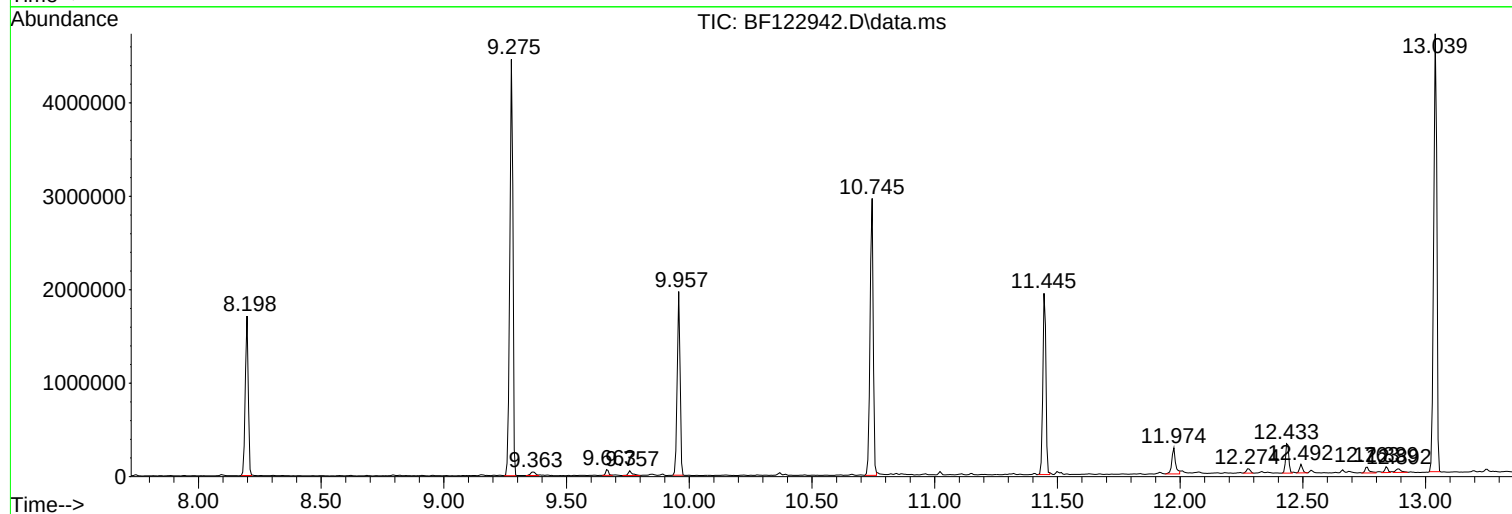
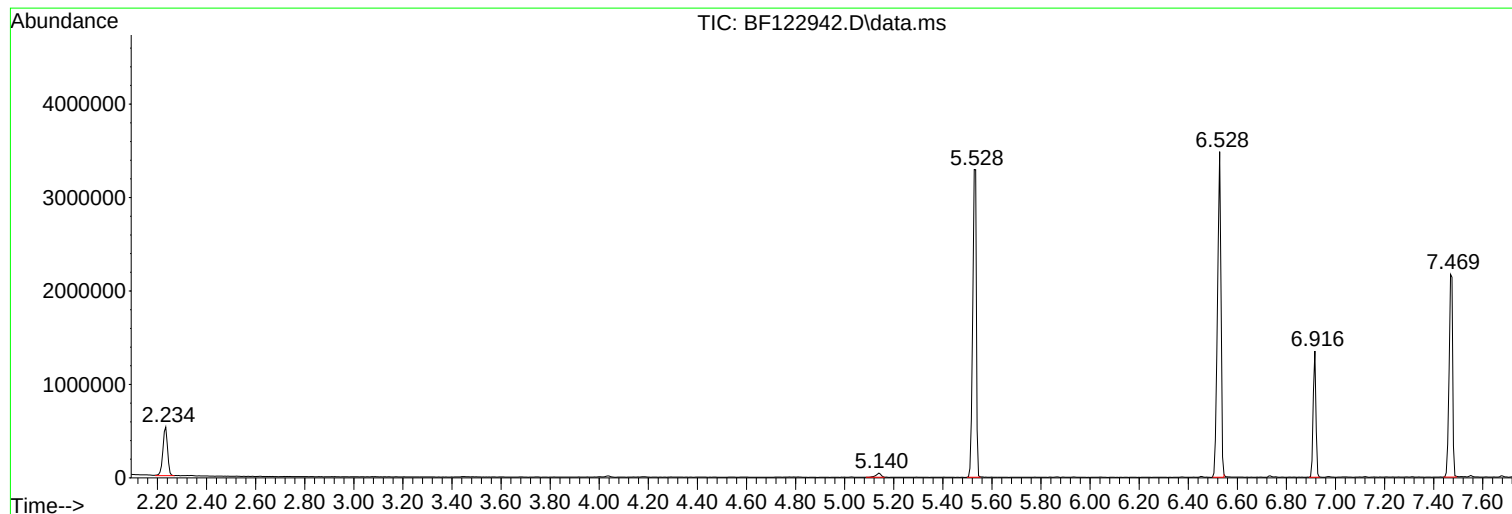
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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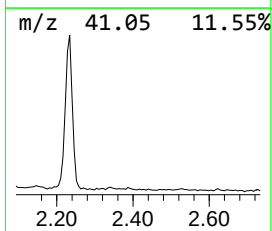
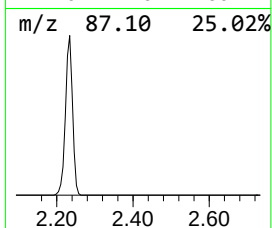
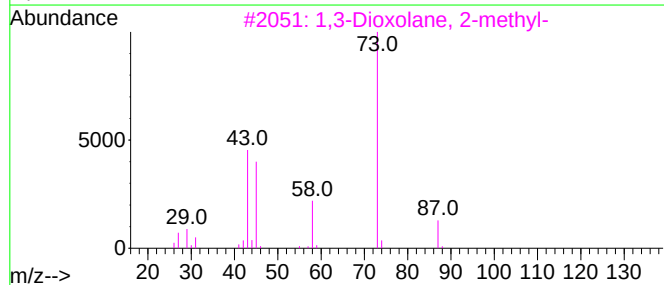
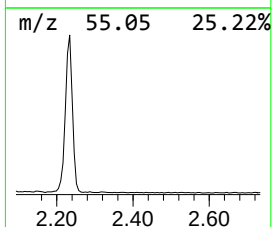
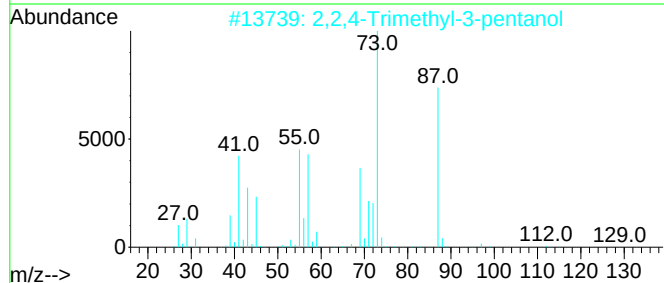
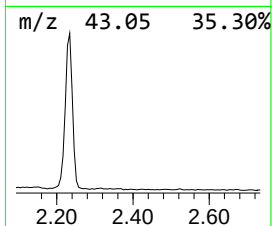
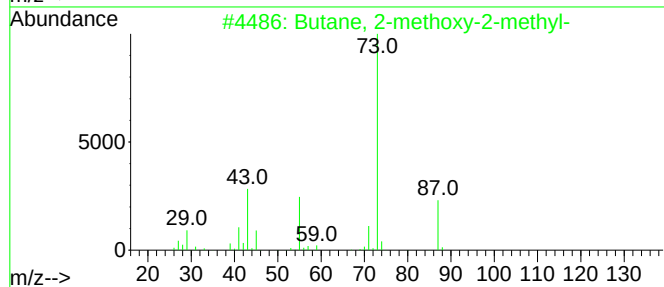
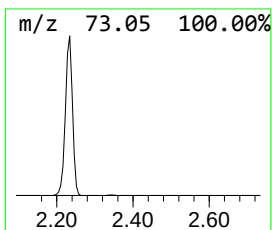
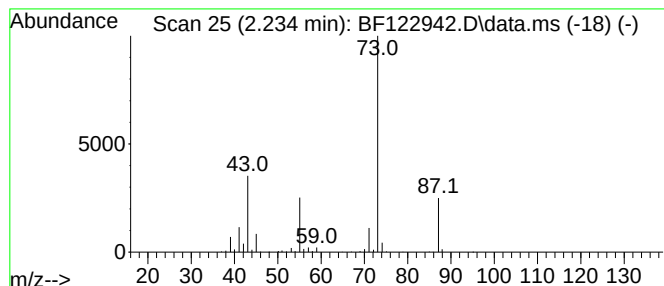
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	13.06 ng	684593	1,4-Dichlorobenzene-d4	6.916

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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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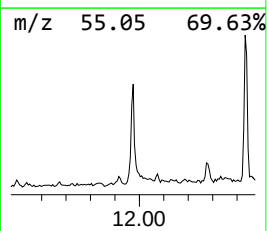
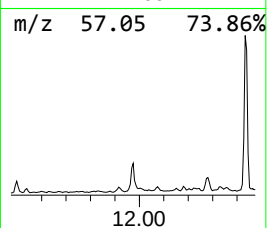
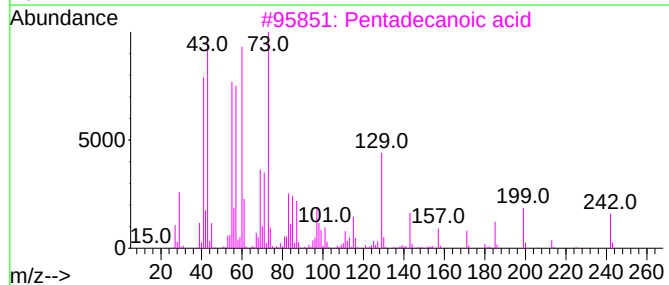
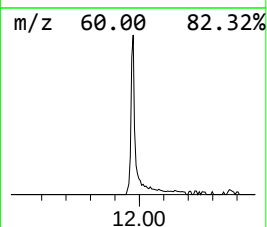
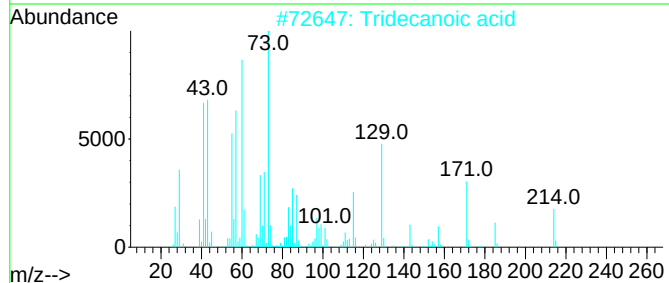
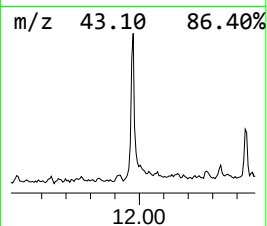
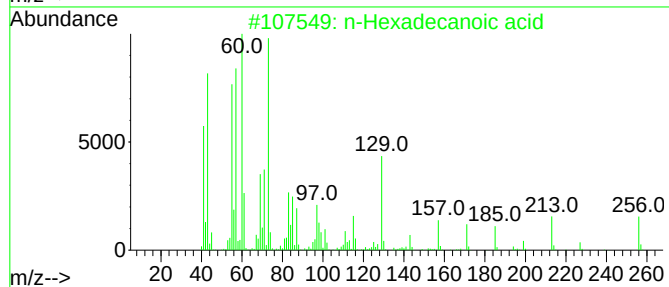
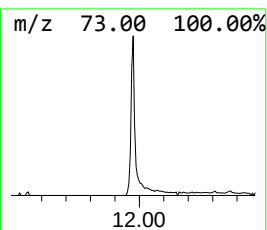
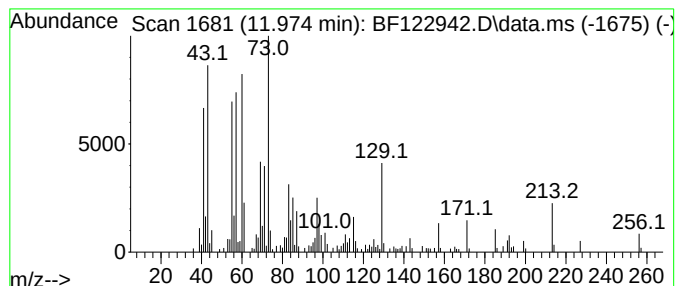
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.44 ng	292780	Phenanthrene-d10	11.445

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Dodecanoic acid	200	C12H24O2	000143-07-7	52
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



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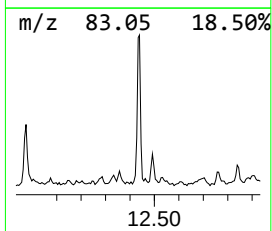
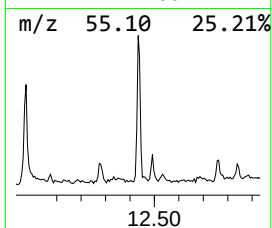
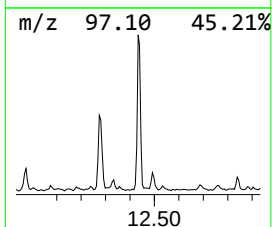
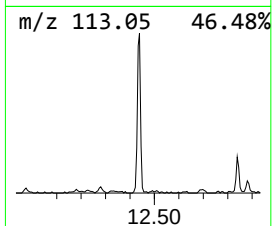
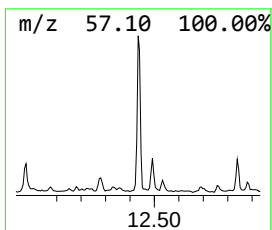
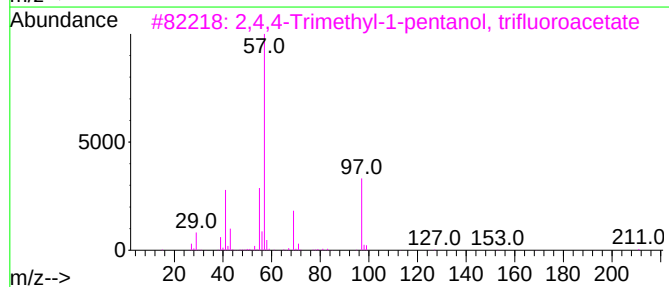
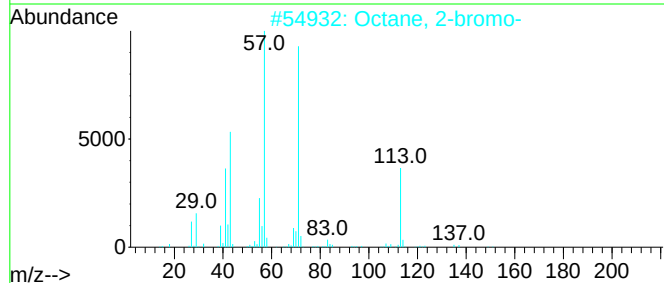
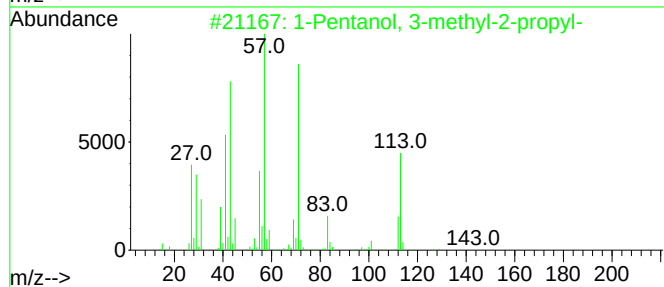
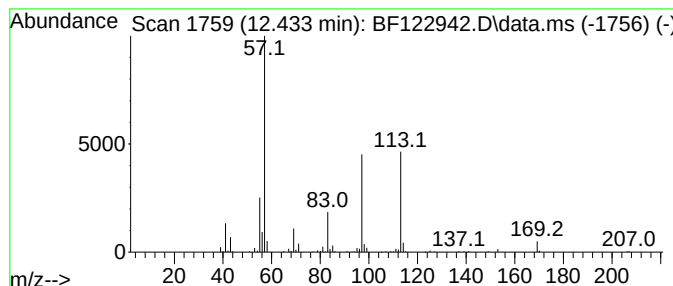
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown12.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	3.47 ng	295269	Phenanthrene-d10	11.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40		
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38		
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38		
4	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	35		
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	27		



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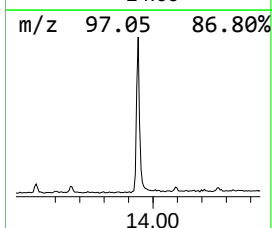
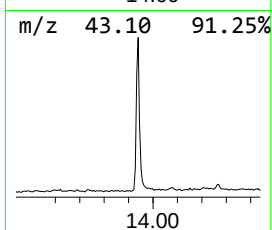
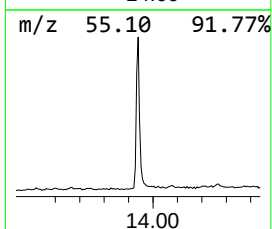
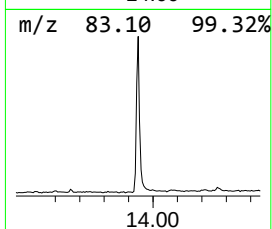
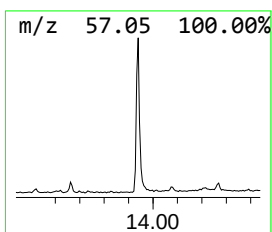
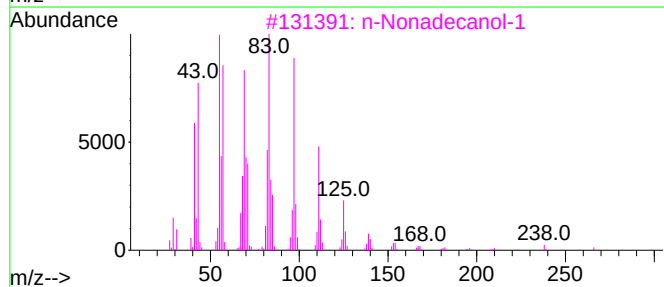
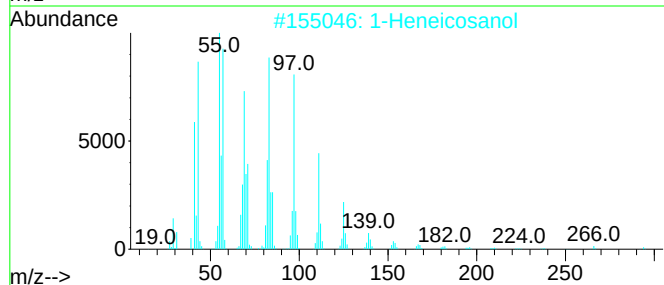
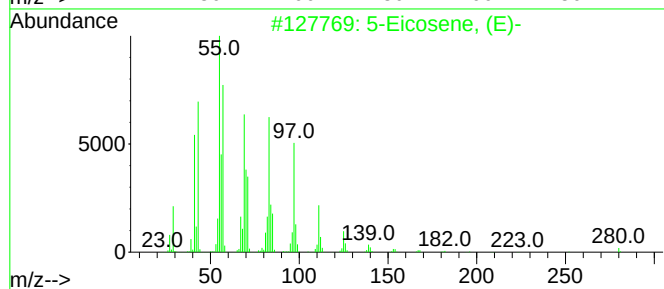
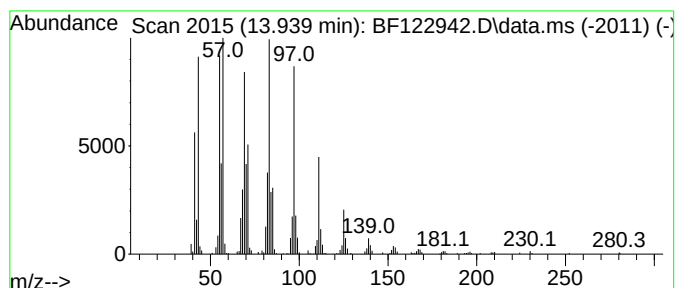
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.939	10.73 ng	880242	Chrysene-d12		14.098	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	1-Heneicosanol		312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1		284	C19H40O	001454-84-8	95
4	1-Heptacosanol		396	C27H56O	002004-39-9	94
5	Behenic alcohol		326	C22H46O	000661-19-8	94



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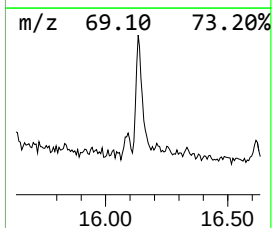
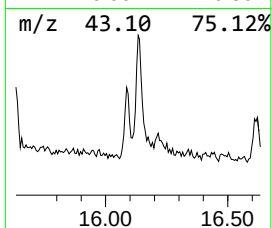
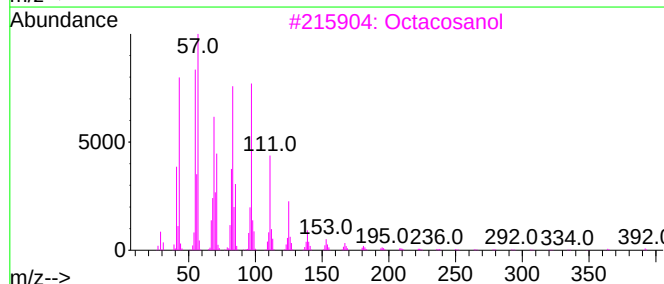
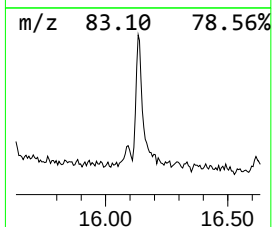
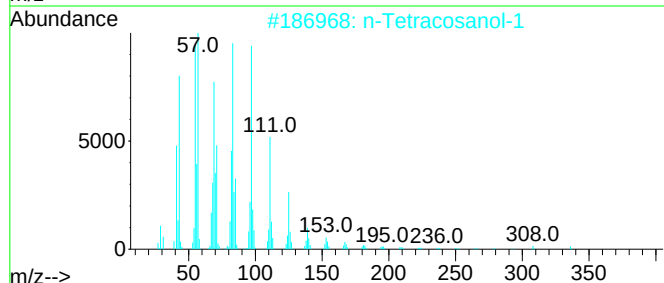
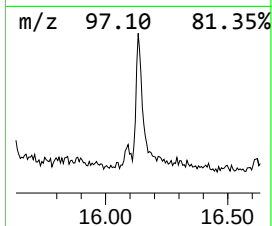
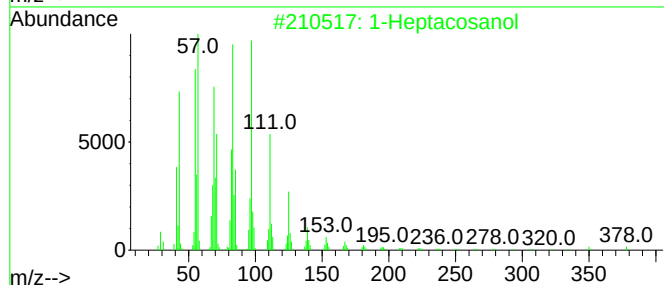
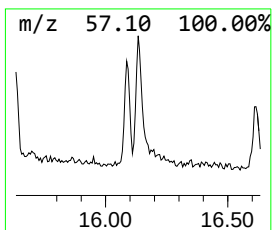
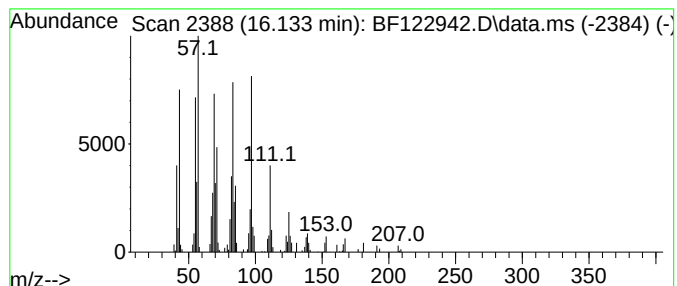
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	2.35 ng	169817	Perylene-d12	15.586

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			Octacosanol	410	C28H58O	000557-61-9	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5			Behenic alcohol	326	C22H46O	000661-19-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.234	13.1	ng	684593	1	6.916	1048380	20.0
n-Hexadecanoic ...	11.975	3.4	ng	292780	4	11.445	1702160	20.0
unknown12.43	12.433	3.5	ng	295269	4	11.445	1702160	20.0
5-Eicosene, (E)-	13.939	10.7	ng	880242	5	14.098	1641350	20.0
1-Heptacosanol	16.133	2.4	ng	169817	6	15.586	1444020	20.0