LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112812.D
Acq On : 1 Mar 2019 20:53
Operator : JU/SJ
Sample : K1675-37
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-14-A

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-BF022719.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	5.357	551	556	559	rBV	3063960	2938008	95.68%	9.490%
2	6.375	724	729	732	rBV	3069773	2991471	97.42%	9.663%
3	6.510	748	752	756	rBV	3246632	3070748	100.00%	9.919%
4	6.745	788	792	795	rBV	1105792	922581	30.04%	2.980%
5	6.898	814	818	822	rBV	2646747	2386881	77.73%	7.710%
6	7.298	882	886	900	rBV	1845815	1840624	59.94%	5.945%
7	8.022	1005	1009	1028	rBV	1060630	1074607	34.99%	3.471%
8	9.098	1188	1192	1203	rBV	3435378	2972183	96.79%	9.601%
9	9.486	1255	1258	1265	rBV	153486	160798	5.24%	0.519%
10	9.775	1303	1307	1317	rVB	1065783	1012847	32.98%	3.272%
11	10.557	1435	1440	1451	rBV	1813218	1817991	59.20%	5.872%
12	10.704	1460	1465	1470	rVB2	27561	37090	1.21%	0.120%
13	11.251	1554	1558	1560	rBV	1101244	996786	32.46%	3.220%
14	11.275	1560	1562	1565	rVV	213296	183702	5.98%	0.593%
15	11.322	1565	1570	1574	rVB2	48165	56355	1.84%	0.182%
16	11.786	1645	1649	1653	rBV2	313679	316063	10.29%	1.021%
17	11.863	1658	1662	1664	rBV2	50557	55846	1.82%	0.180%
18	12.298	1733	1736	1739	rBV	56554	59016	1.92%	0.191%
19	12.457	1759	1763	1767	rBV	442894	405711	13.21%	1.311%
20	12.569	1779	1782	1787	rBV2	86830	98426	3.21%	0.318%
21	12.680	1796	1801	1805	rBV	404278	422424	13.76%	1.364%
22	12.727	1807	1809	1816	rVB3	19342	35830	1.17%	0.116%
23	12.833	1823	1827	1830	rVB	3333755	2981221	97.08%	9.630%
24	12.904	1834	1839	1843	rBV3	34280	66345	2.16%	0.214%
25	13.010	1855	1857	1860	rVB	60865	54748	1.78%	0.177%
26	13.080	1865	1869	1871	rVV	53845	48776	1.59%	0.158%
27	13.116	1871	1875	1878	rBV	53544	59369	1.93%	0.192%
28	13.416	1919	1926	1932	rBV8	38303	84419	2.75%	0.273%
29	13.516	1940	1943	1948	rVB	54133	63594	2.07%	0.205%
30	13.621	1958	1961	1964	rBV2	49176	66473	2.16%	0.215%
31	13.733	1975	1980	1987	rVB2	195423	231840	7.55%	0.749%
32	13.874	1999	2004	2007	rBV2	1504231	1515789	49.36%	4.896%
33	13.898	2007	2008	2011	rVB	219271	129667	4.22%	0.419%
34	14.063	2033	2036	2038	rBV	54811	50298	1.64%	0.162%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.263	2067	2070	2072	rBV	44095	40135	1.31%	0.130%
36	14.363	2085	2087	2090	rVB	57592	43413	1.41%	0.140%
37	14.663	2135	2138	2142	rVB	74219	80320	2.62%	0.259%
38	14.886	2172	2176	2179	rBV	164713	249615	8.13%	0.806%
39	14.980	2189	2192	2196	rVB2	109181	123120	4.01%	0.398%
40	15.168	2221	2224	2229	rVB	88955	99981	3.26%	0.323%
41	15.221	2230	2233	2239	rVB	122899	146925	4.78%	0.475%
42	15.286	2239	2244	2248	rBV	747981	899539	29.29%	2.906%
43	15.745	2319	2322	2326	rBV	54635	66713	2.17%	0.215%

Sum of corrected areas: 30958288

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BNA_F
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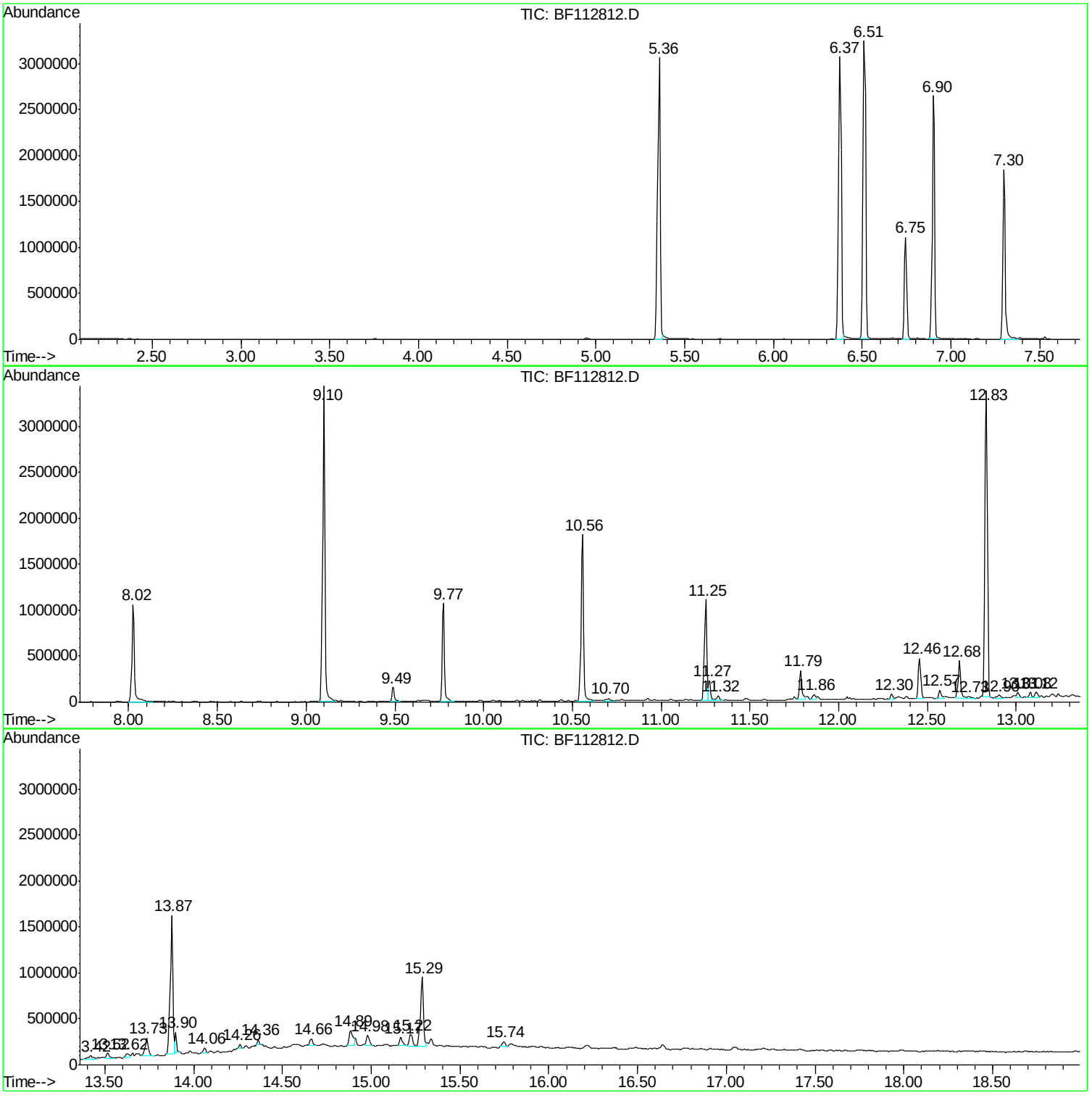
Z-3-14-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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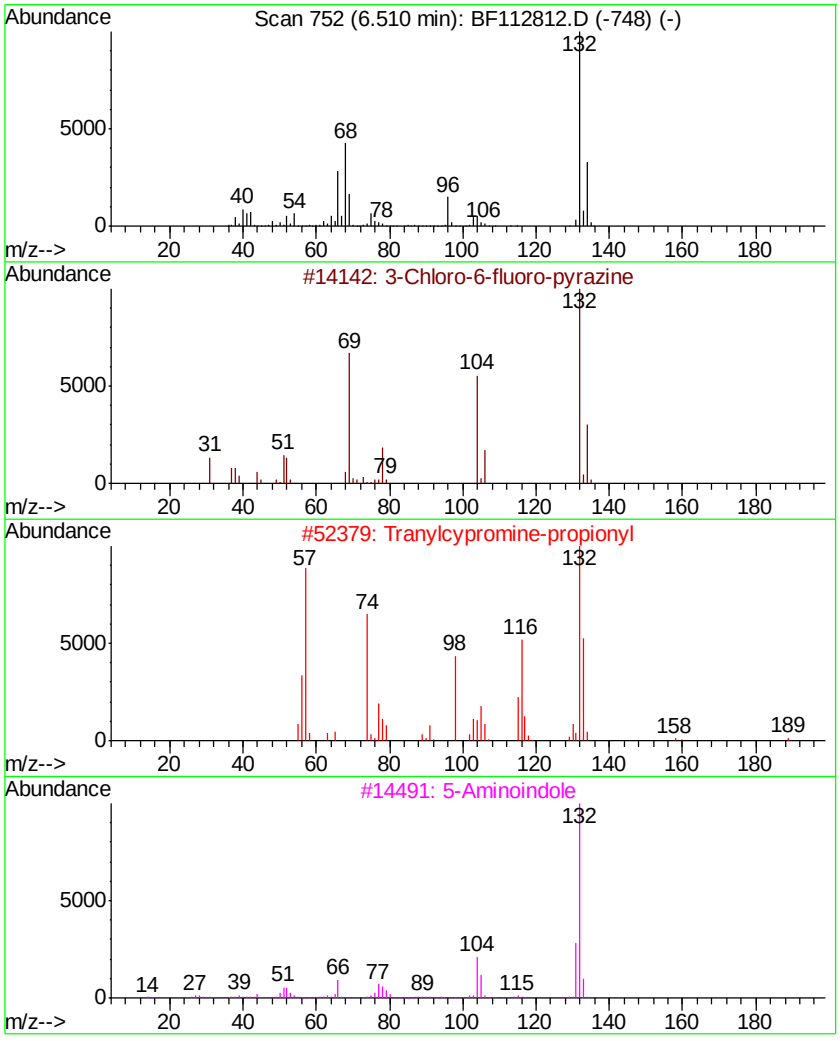
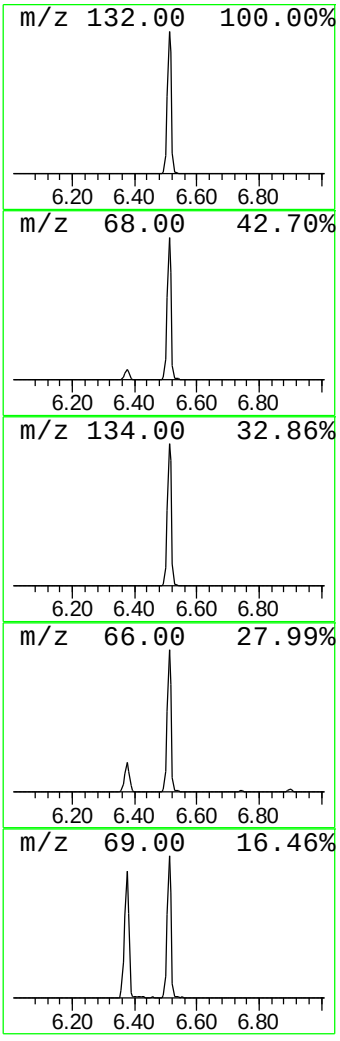
Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	66.57 ng	3070750	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : Z-3-14-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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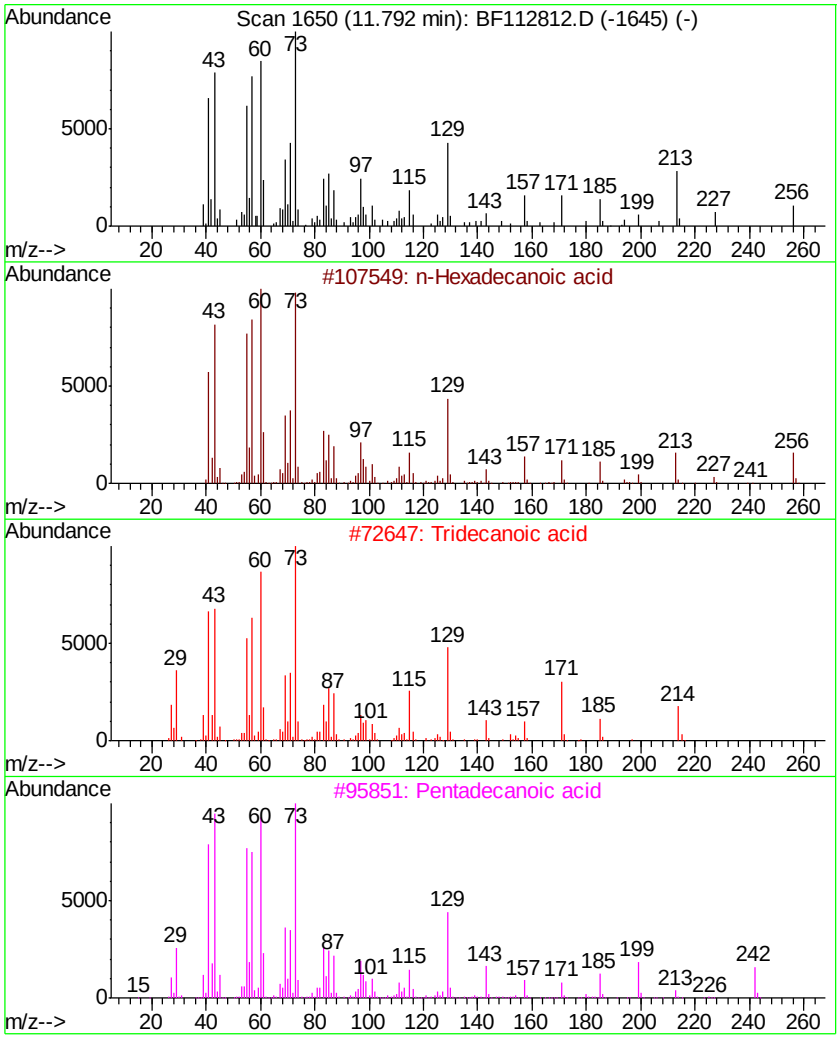
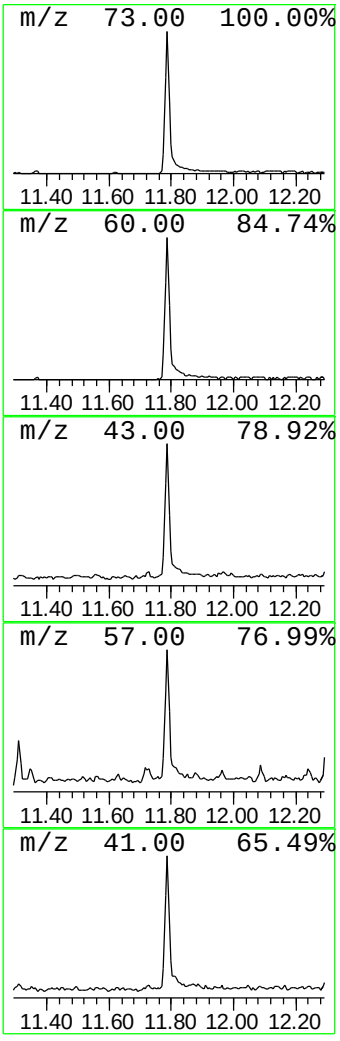
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.34 ng	316063	Phenanthrene-d10	11.25

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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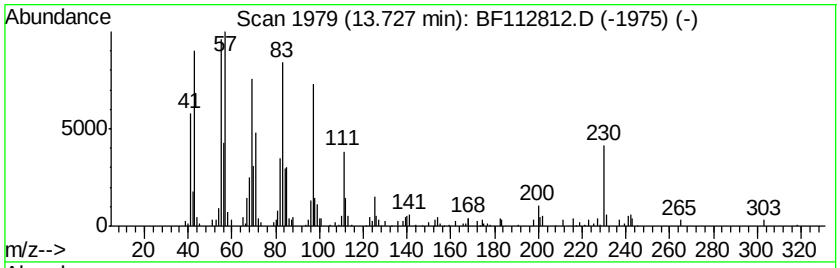
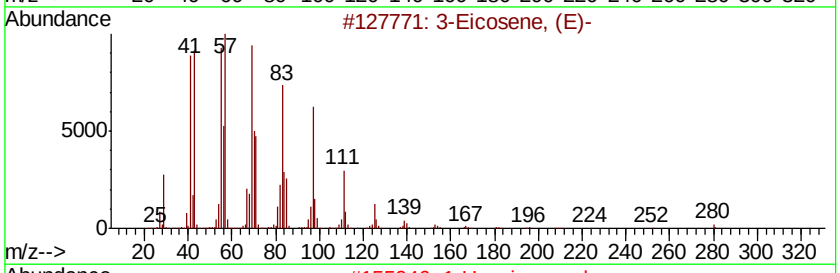
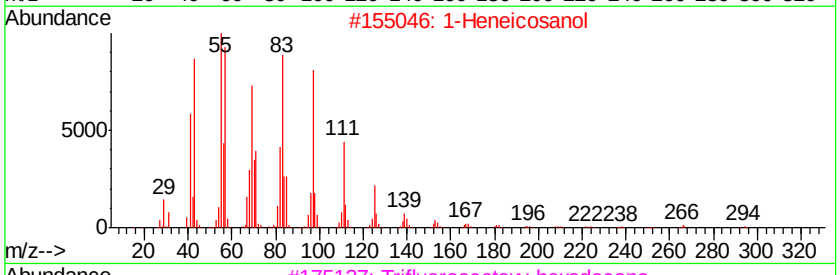
Peak Number 4 3-Eicosene, (E)- Concentration Rank 4

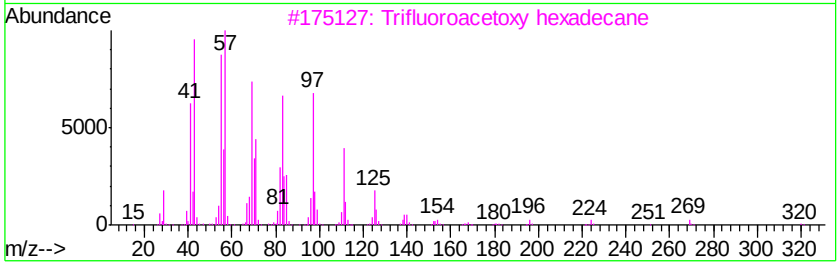
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.06 ng	231840	Chrysene-d12	13.87

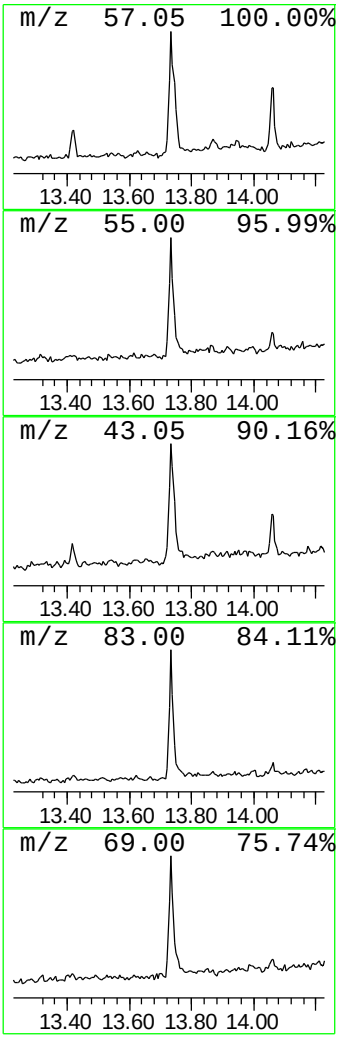
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91











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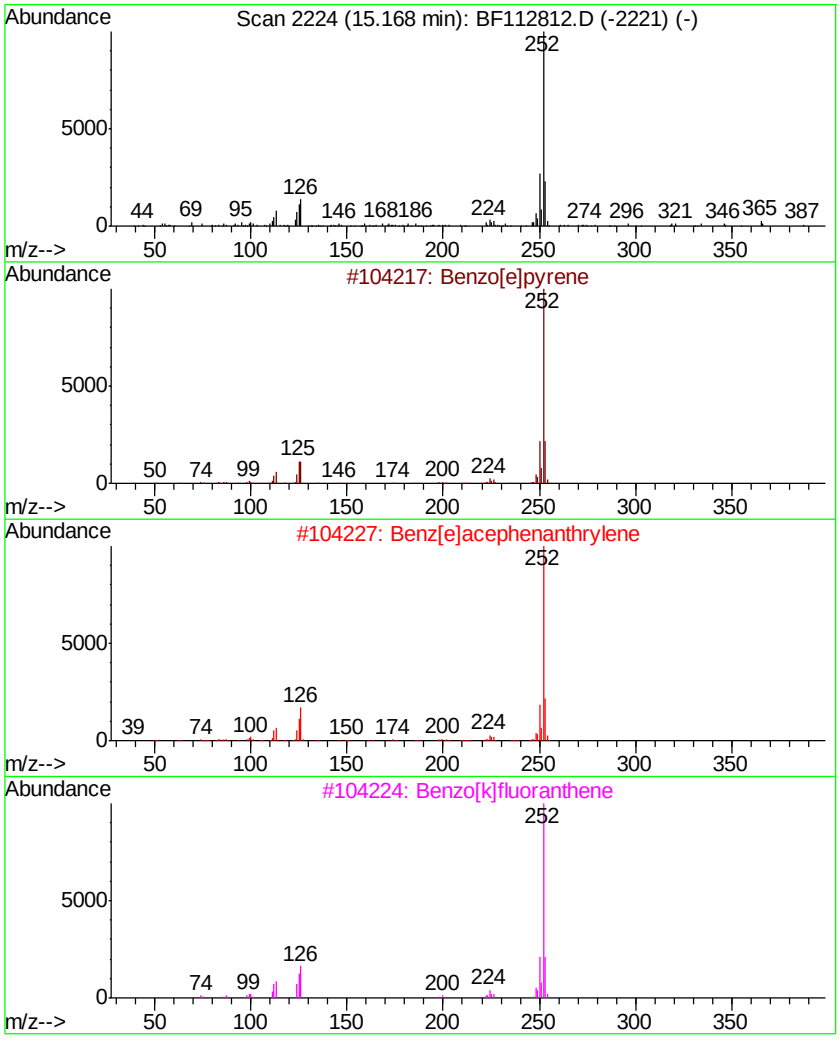
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

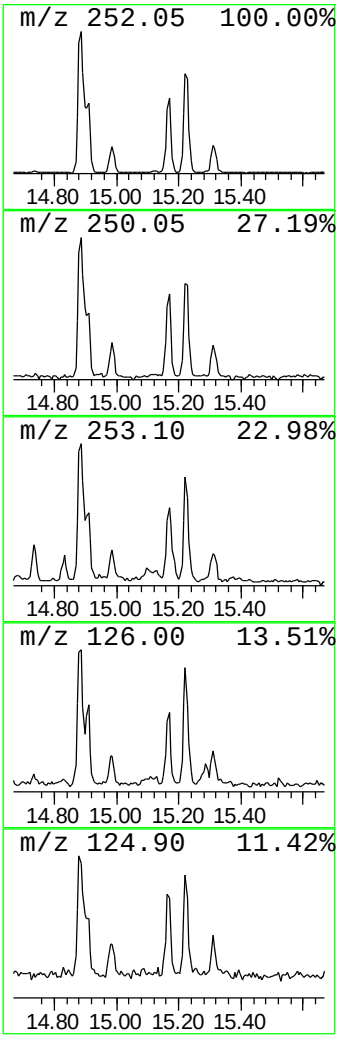
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.22 ng	99981	Perylene-d12	15.29

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	66.6	ng	3070750	1	6.75	922581	20.0
n-Hexadecanoic acid	11.79	6.3	ng	316063	4	11.25	996786	20.0
3-Eicosene, (E)-	13.73	3.1	ng	231840	5	13.87	1515790	20.0
Benzo[e]pyrene	15.17	2.2	ng	99981	6	15.29	899539	20.0