LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113962.D
Acq On : 24 Apr 2019 15:36
Operator : JU/SJ
Sample : K2542-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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-BF042219.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	2.205	16	20	27	rVB	43977	63373	2.39%	0.238%
2	5.522	579	584	587	rBV	2322739	2284702	86.02%	8.567%
3	6.522	749	754	757	rBV	2468943	2353900	88.62%	8.827%
4	6.663	774	778	782	rBV	2587558	2527466	95.16%	9.478%
5	6.892	814	817	821	rBV	872021	739937	27.86%	2.775%
6	7.051	840	844	847	rBV	2324275	1908403	71.85%	7.156%
7	7.451	907	912	915	rBV	1702136	1507853	56.77%	5.654%
8	8.175	1031	1035	1050	rBV	1097294	939321	35.36%	3.522%
9	9.251	1213	1218	1221	rBV	2979555	2656077	100.00%	9.960%
10	9.639	1280	1284	1295	rVB	437329	381955	14.38%	1.432%
11	9.928	1329	1333	1345	rVB	1174119	1102753	41.52%	4.135%
12	10.716	1463	1467	1479	rBV	1835574	1685249	63.45%	6.319%
13	11.416	1582	1586	1588	rBV	1194528	1097341	41.31%	4.115%
14	11.433	1588	1589	1593	rVB	159592	121162	4.56%	0.454%
15	11.939	1672	1675	1683	rVB2	204352	191366	7.20%	0.718%
16	12.027	1687	1690	1692	rBV2	29871	28941	1.09%	0.109%
17	12.622	1788	1791	1795	rBV	336008	297296	11.19%	1.115%
18	12.722	1804	1808	1816	rBV	167749	180483	6.80%	0.677%
19	12.851	1825	1830	1836	rVB	260713	268676	10.12%	1.008%
20	12.998	1850	1855	1858	rVB	2578693	2389299	89.96%	8.960%
21	13.180	1883	1886	1889	rVB	36209	31752	1.20%	0.119%
22	13.804	1987	1992	1995	rBV2	25192	31472	1.18%	0.118%
23	13.904	2005	2009	2013	rVB3	32575	46619	1.76%	0.175%
24	14.057	2024	2035	2038	rBV	1111448	1285484	48.40%	4.820%
25	14.080	2038	2039	2049	rVV	191843	243963	9.19%	0.915%
26	14.168	2052	2054	2058	rVB2	34652	33625	1.27%	0.126%
27	14.551	2114	2119	2123	rBV3	50547	59605	2.24%	0.224%
28	14.863	2169	2172	2176	rVB2	35546	38154	1.44%	0.143%
29	15.127	2212	2217	2220	rBV	166051	255868	9.63%	0.959%
30	15.210	2228	2231	2234	rBV2	58044	67260	2.53%	0.252%
31	15.433	2265	2269	2275	rBV	97633	116509	4.39%	0.437%
32	15.498	2275	2280	2285	rBV	121491	162042	6.10%	0.608%
33	15.563	2286	2291	2295	rVV	835003	1076312	40.52%	4.036%
34	15.598	2295	2297	2303	rVB3	68740	88869	3.35%	0.333%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.045	2369	2373	2379	rVB	42187	63407	2.39%	0.238%
36	16.857	2507	2511	2521	rVB5	17755	51919	1.95%	0.195%
37	17.045	2537	2543	2554	rVB2	80288	171464	6.46%	0.643%
38	17.492	2613	2619	2629	rVB	56860	117660	4.43%	0.441%

Sum of corrected areas: 26667537

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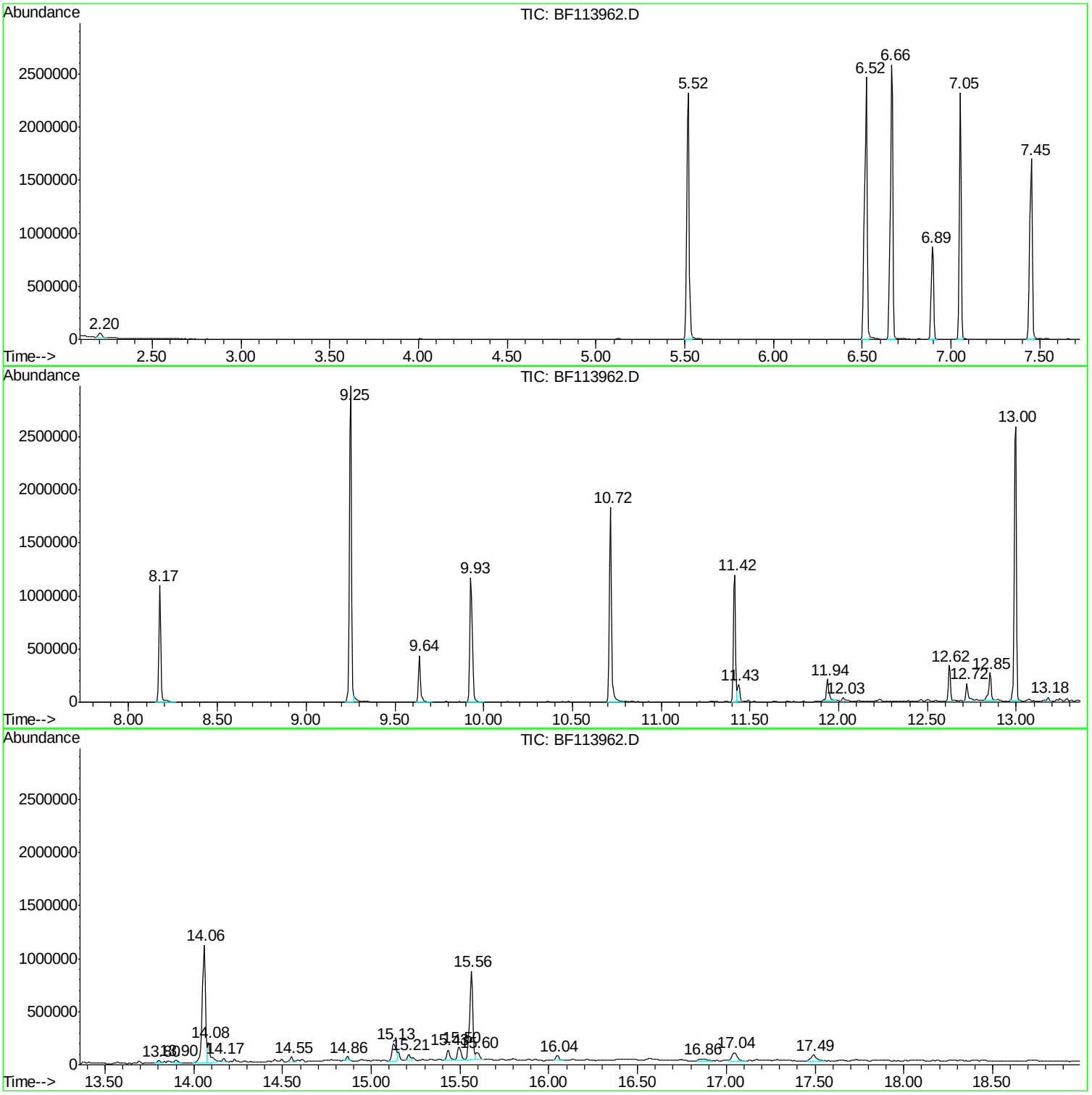
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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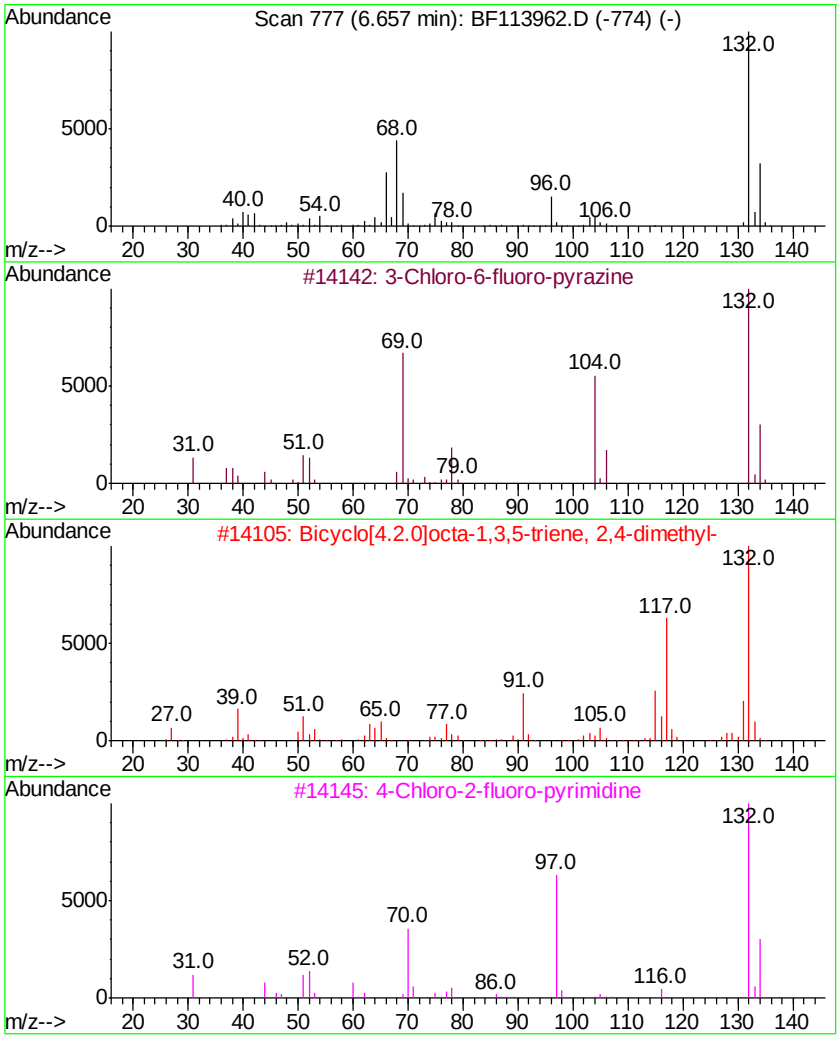
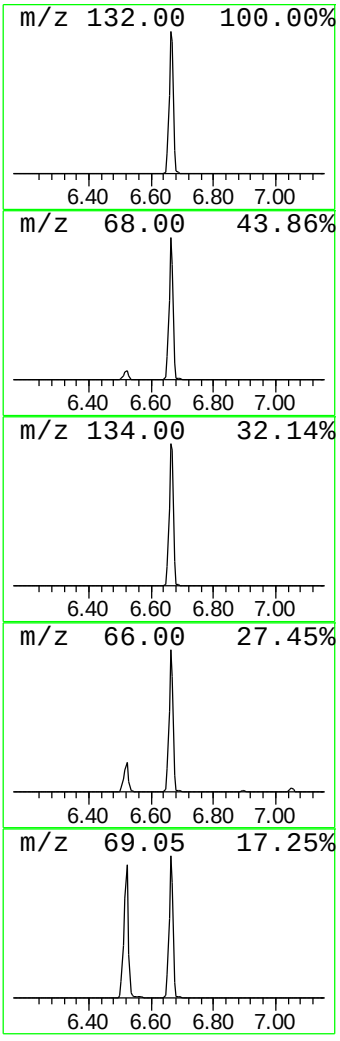
Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	68.32 ng	2527470	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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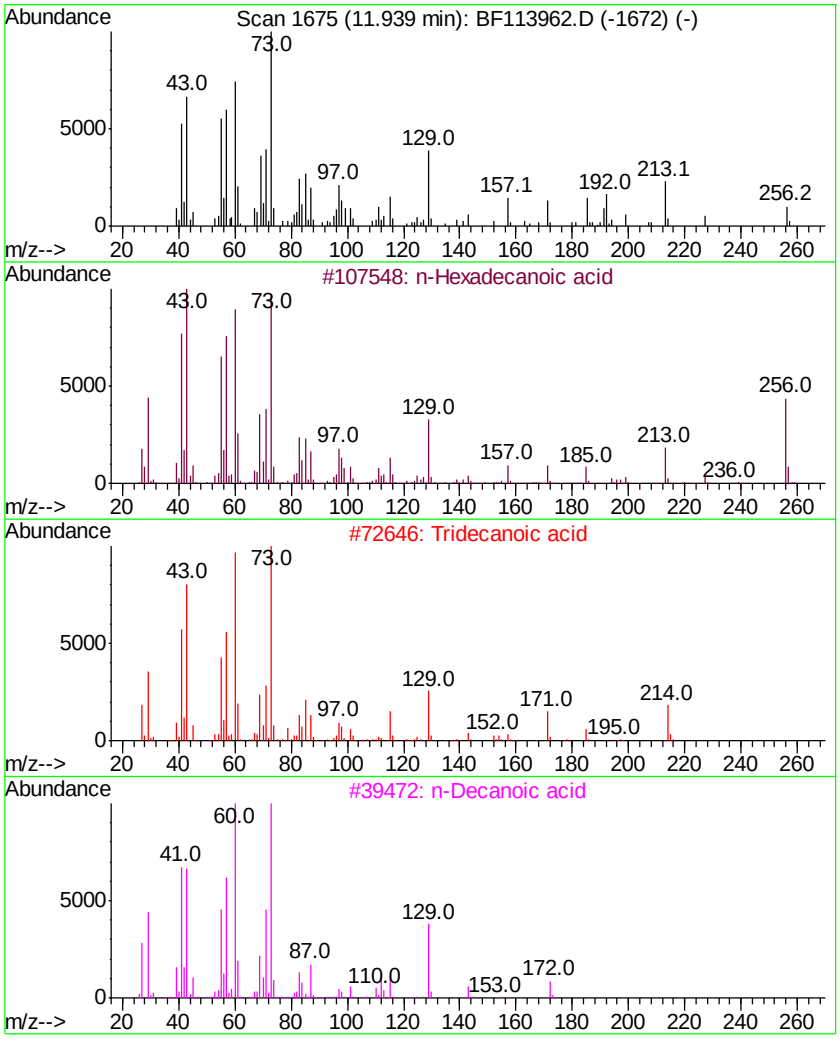
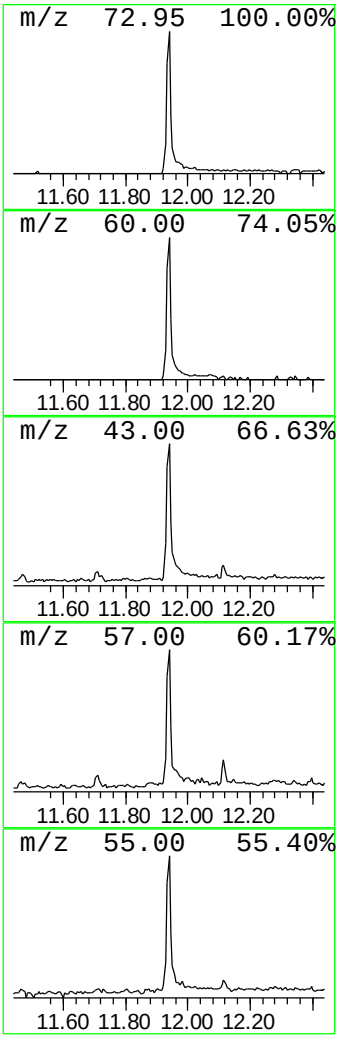
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.49 ng	191366	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25





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Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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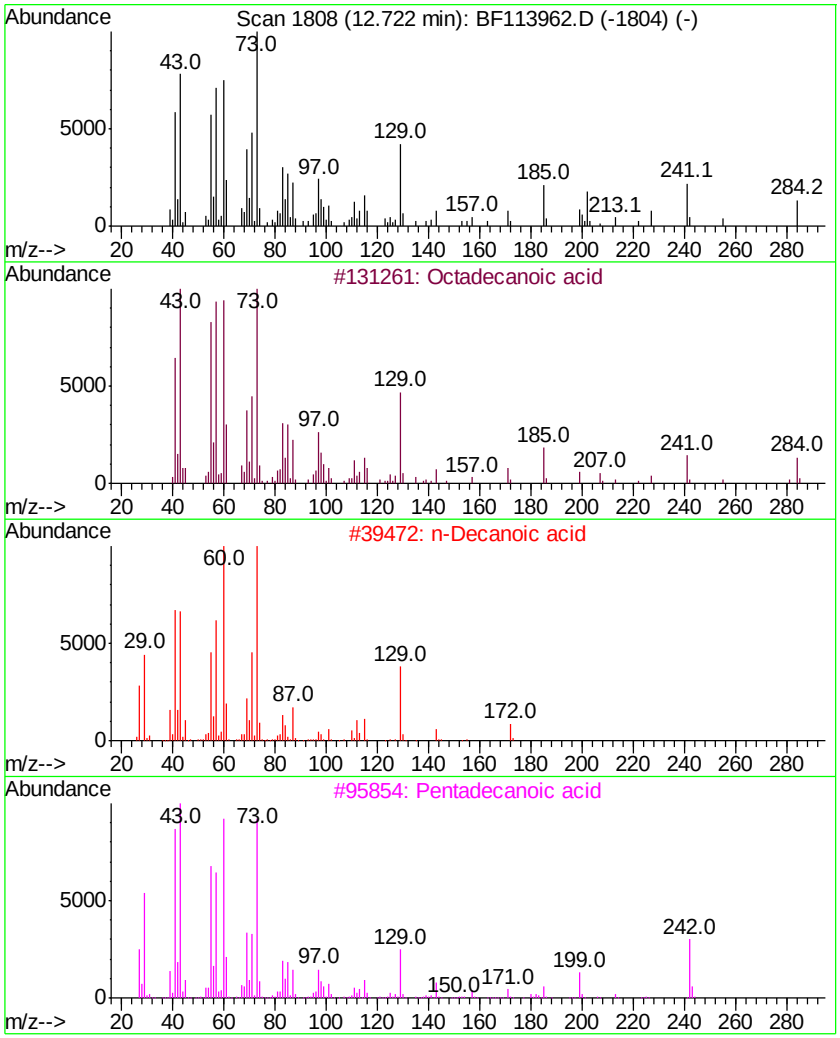
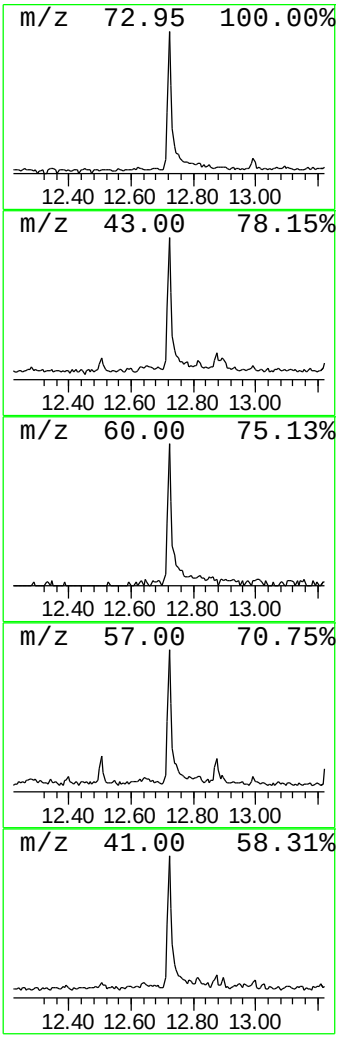
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.29 ng	180483	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45





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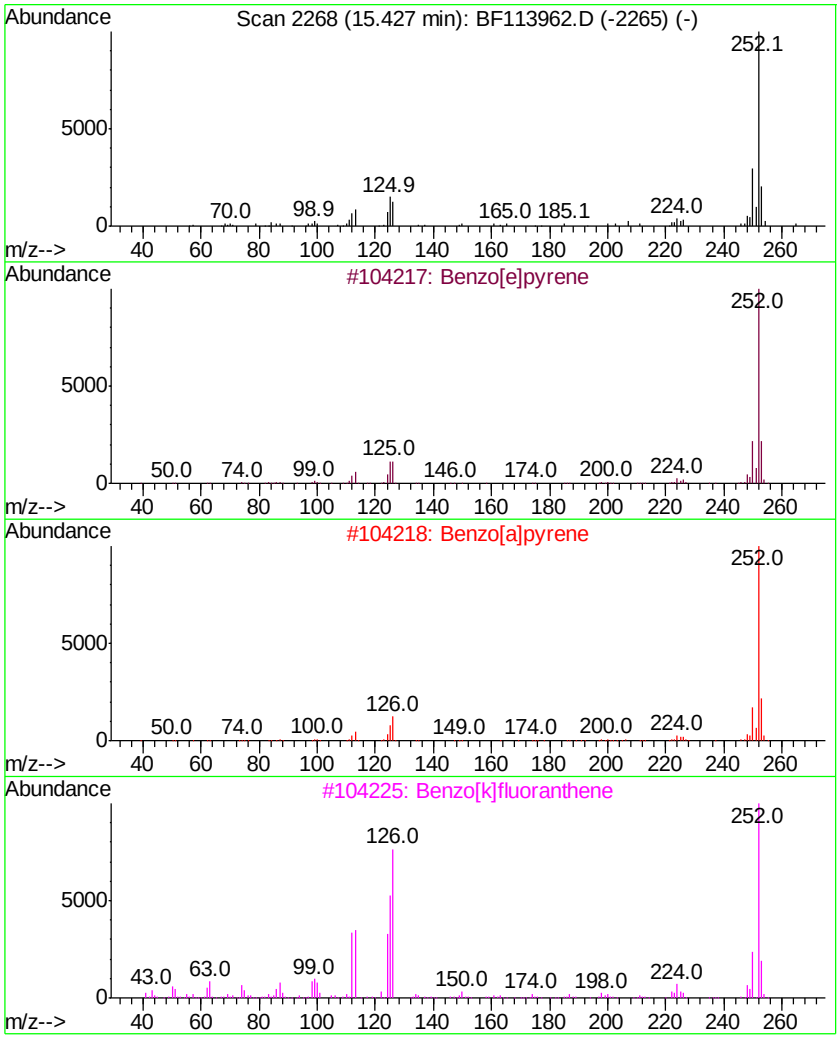
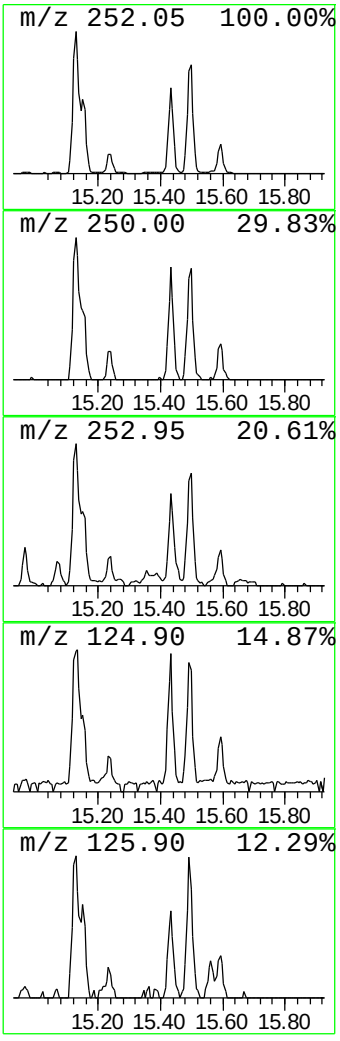
Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.16 ng	116509	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





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
unknown6.66	6.66	68.3	ng	2527470	1	6.89	739937	20.0
n-Hexadecanoic acid	11.94	3.5	ng	191366	4	11.42	1097340	20.0
Octadecanoic acid	12.72	3.3	ng	180483	4	11.42	1097340	20.0
Benzo[e]pyrene	15.43	2.2	ng	116509	6	15.56	1076310	20.0