LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127554.D
Acq On : 28 Mar 2022 21:00
Operator : CG\JU
Sample : N2103-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200049

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	536	540	568	rVB	2414498	2440253	86.10%	11.758%
2	6.475	708	712	732	rBV	2566538	2535960	89.48%	12.219%
3	6.834	770	773	781	rBV	670486	599100	21.14%	2.887%
4	7.398	866	869	881	rBV	1715774	1717075	60.58%	8.273%
5	8.116	987	991	1002	rBV	835249	807368	28.49%	3.890%
6	9.186	1169	1173	1177	rBV	2897337	2834239	100.00%	13.656%
7	9.257	1181	1185	1188	rVB	46431	40935	1.44%	0.197%
8	9.563	1234	1237	1241	rBV3	22245	30324	1.07%	0.146%
9	9.733	1261	1266	1270	rBV2	15604	28627	1.01%	0.138%
10	9.869	1286	1289	1293	rBV	1056111	884382	31.20%	4.261%
11	10.504	1392	1397	1400	rBV	34021	42501	1.50%	0.205%
12	10.663	1420	1424	1432	rBV	1898691	1717349	60.59%	8.275%
13	10.769	1437	1442	1449	rVB	76174	101151	3.57%	0.487%
14	11.233	1518	1521	1525	rBV2	35639	36505	1.29%	0.176%
15	11.363	1539	1543	1545	rBV	1058887	884856	31.22%	4.264%
16	11.386	1545	1547	1551	rVV	165675	140741	4.97%	0.678%
17	11.445	1555	1557	1561	rVB	36522	33829	1.19%	0.163%
18	11.869	1626	1629	1632	rBV2	46015	74466	2.63%	0.359%
19	11.898	1632	1634	1638	rVB	41320	41105	1.45%	0.198%
20	11.974	1644	1647	1650	rBV2	51149	50364	1.78%	0.243%
21	12.157	1676	1678	1683	rBV2	26276	35005	1.24%	0.169%
22	12.416	1719	1722	1726	rBV2	45780	64085	2.26%	0.309%
23	12.580	1747	1750	1754	rBV	295890	255485	9.01%	1.231%
24	12.810	1783	1789	1795	rBV	289225	319814	11.28%	1.541%
25	12.863	1795	1798	1802	rVB	29505	28768	1.02%	0.139%
26	12.945	1808	1812	1816	rBV	2602739	2486504	87.73%	11.981%
27	13.033	1823	1827	1832	rVB4	25267	45666	1.61%	0.220%
28	13.139	1843	1845	1851	rVB3	42910	57755	2.04%	0.278%
29	13.204	1854	1856	1860	rBV2	25190	32752	1.16%	0.158%
30	13.339	1876	1879	1882	rBV	28849	29339	1.04%	0.141%
31	13.369	1882	1884	1893	rVB4	30156	45979	1.62%	0.222%
32	13.510	1904	1908	1912	rBV2	94853	101777	3.59%	0.490%
33	13.645	1929	1931	1937	rVB3	32712	44880	1.58%	0.216%
34	13.851	1958	1966	1968	rBV5	49277	116712	4.12%	0.562%
35	14.010	1988	1993	1996	rBV2	727232	740674	26.13%	3.569%
36	14.039	1996	1998	2006	rVB	125890	120677	4.26%	0.581%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.404	2055	2060	2063	rBV	35503	43889	1.55%	0.211%
38	14.439	2063	2066	2070	rBV3	29245	37988	1.34%	0.183%
39	15.063	2169	2172	2174	rBV	104764	134648	4.75%	0.649%
40	15.180	2189	2192	2198	rVB	25121	35562	1.25%	0.171%
41	15.368	2221	2224	2228	rBV	68466	80314	2.83%	0.387%
42	15.433	2232	2235	2241	rBV	94379	125481	4.43%	0.605%
43	15.486	2241	2244	2252	rVV	424600	546306	19.28%	2.632%
44	15.892	2310	2313	2317	rVB3	24188	29901	1.05%	0.144%
45	17.009	2499	2503	2513	rVB3	39995	85202	3.01%	0.411%
46	17.468	2576	2581	2590	rBV3	28500	67721	2.39%	0.326%

Sum of corrected areas: 20754014

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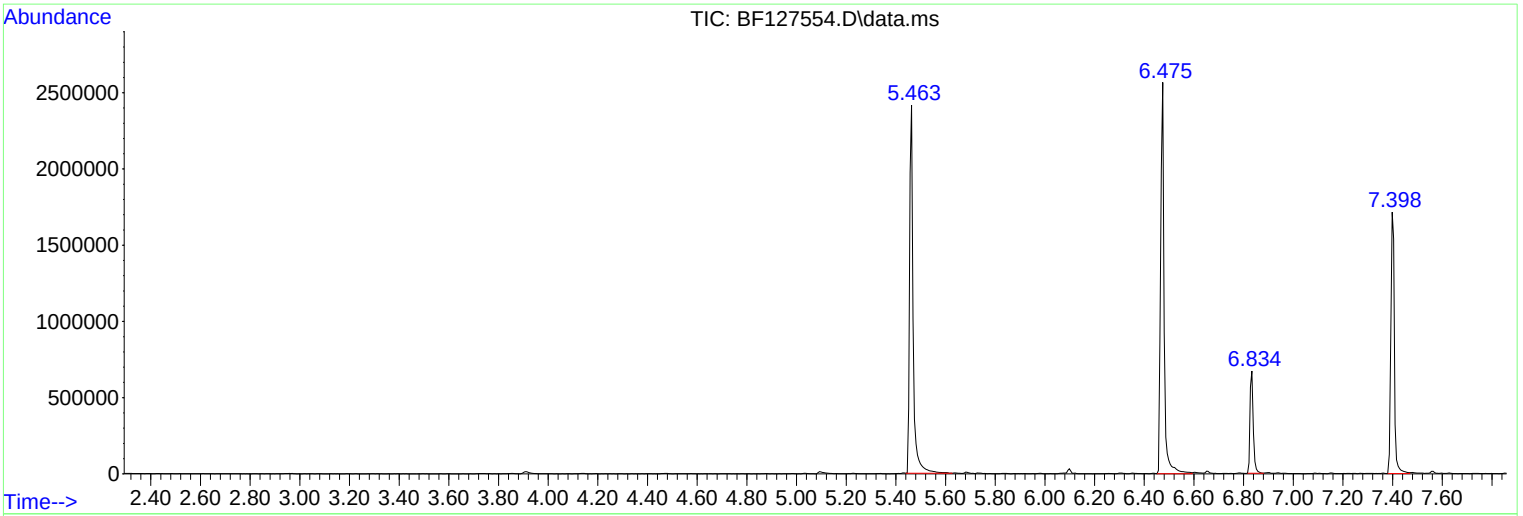
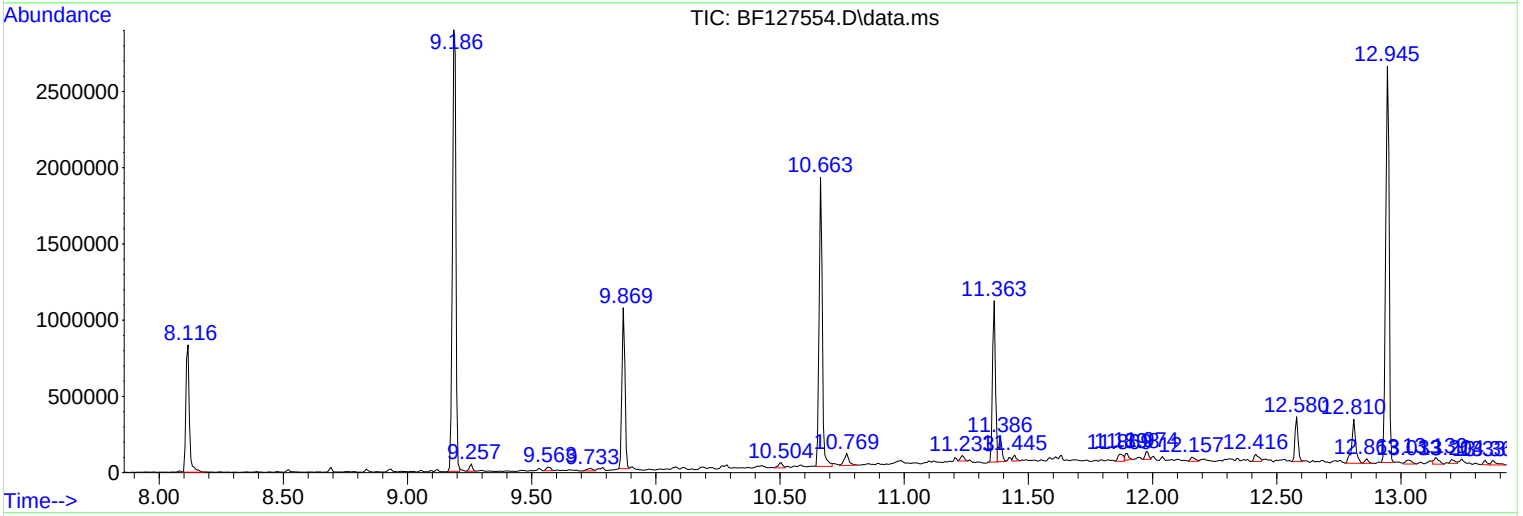
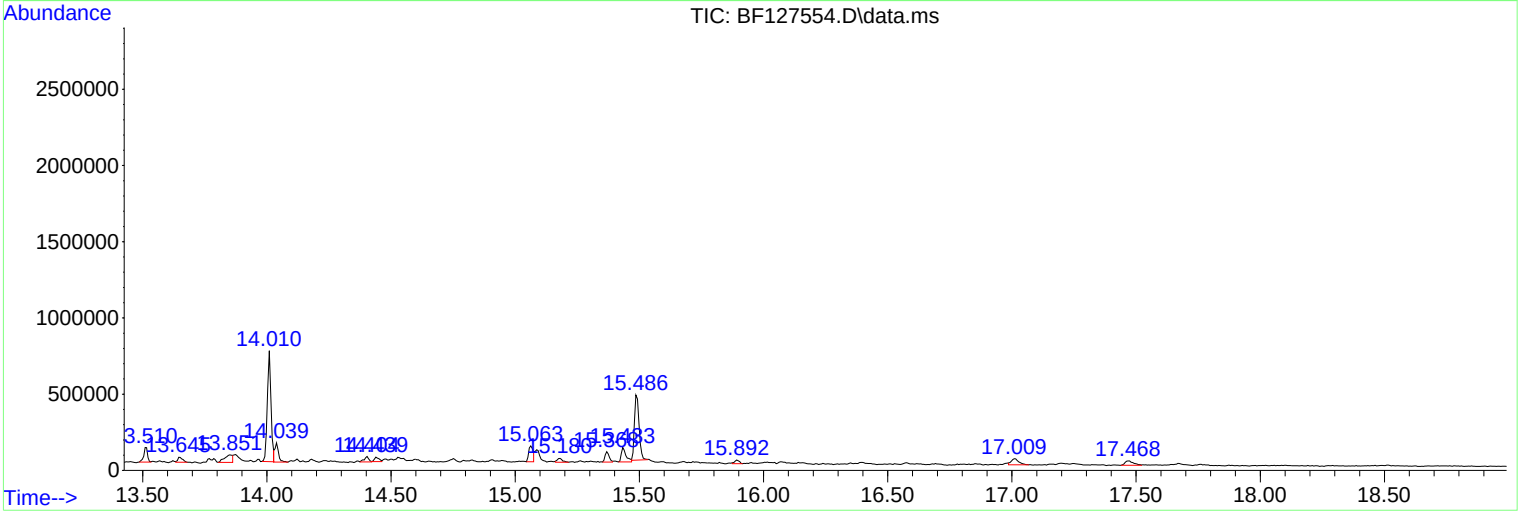
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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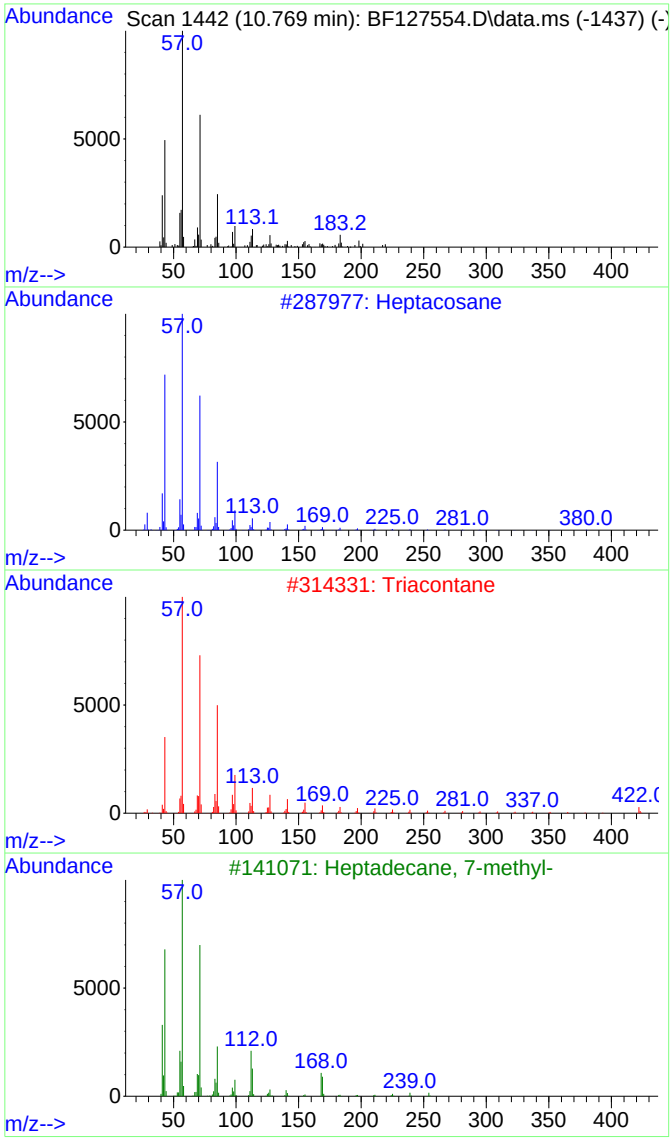
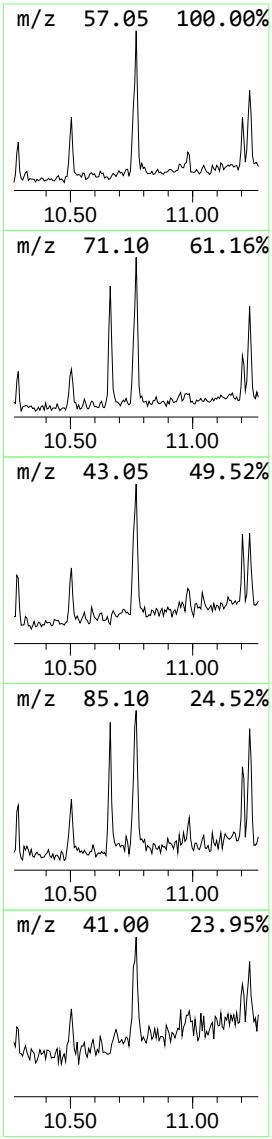
Peak Number 1 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	2.29 ng	101151	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Triacontane	422	C30H62	000638-68-6	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Tetradecane	198	C14H30	000629-59-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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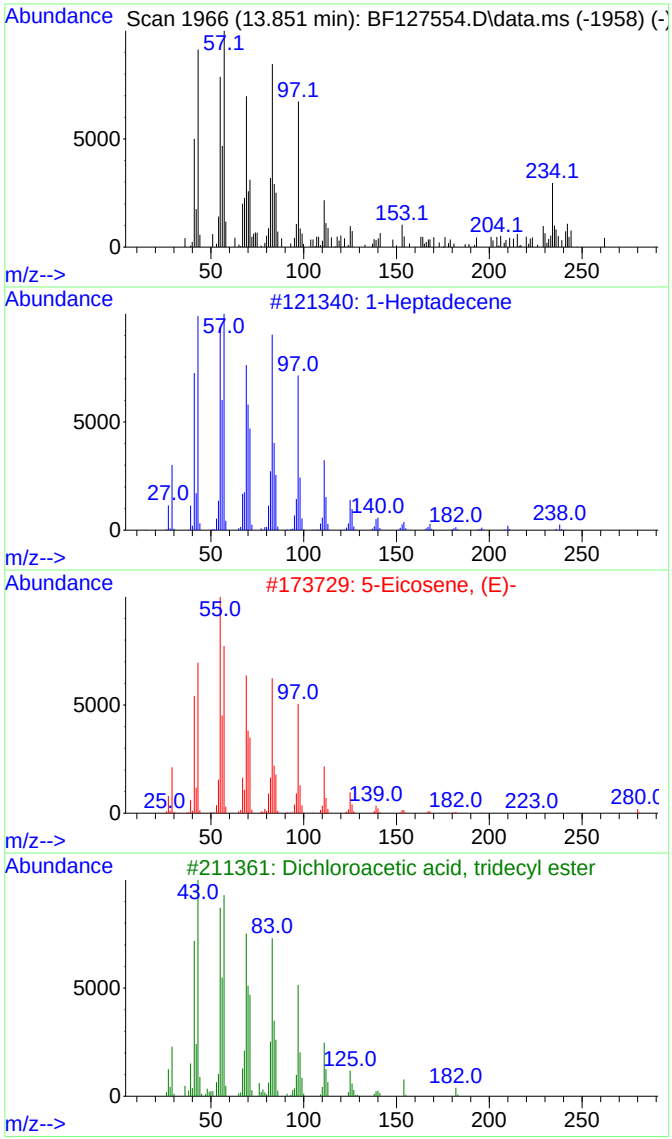
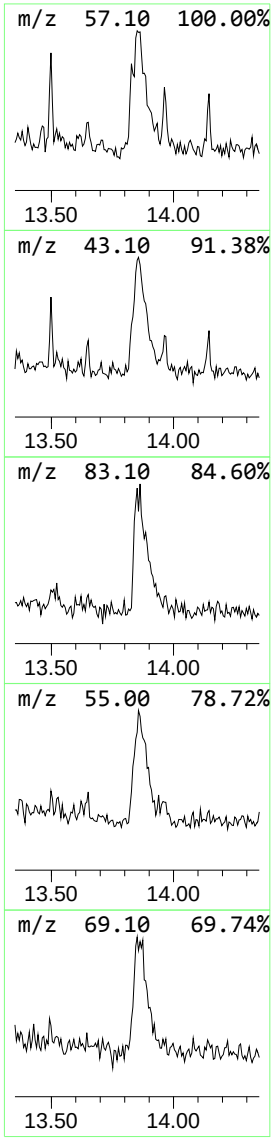
Peak Number 3 1-Heptadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	3.15 ng	116712	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	80
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	80
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	80
4	Bromoacetic acid, dodecyl ester	306	C14H27BrO2	003674-07-5	72
5	n-Pentadecanol	228	C15H32O	000629-76-5	72





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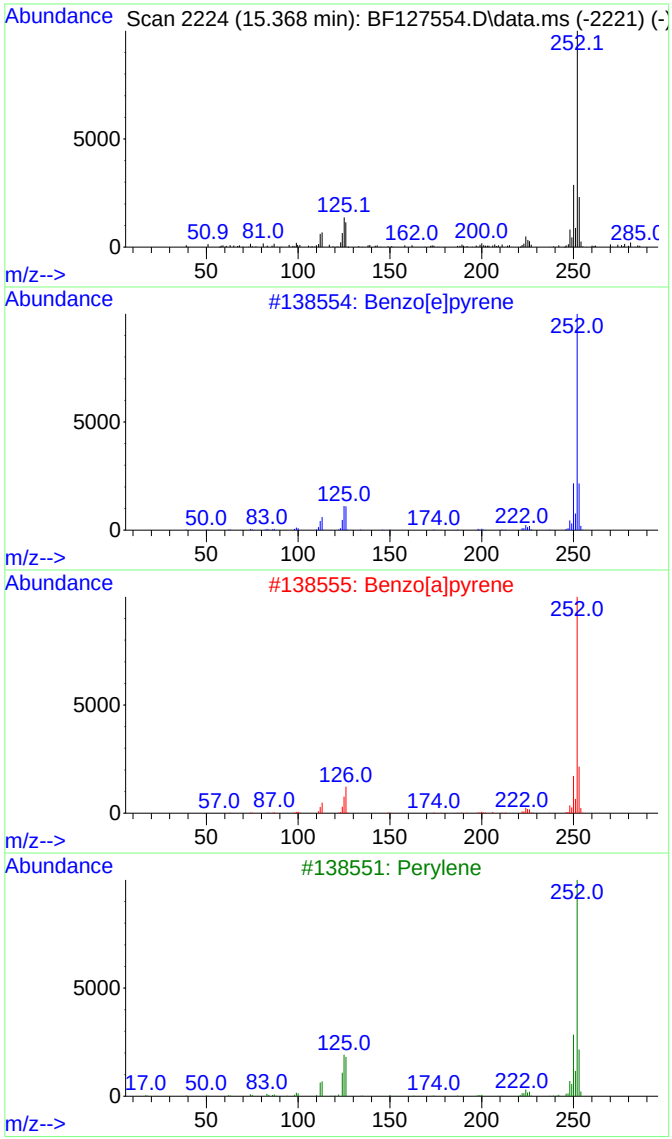
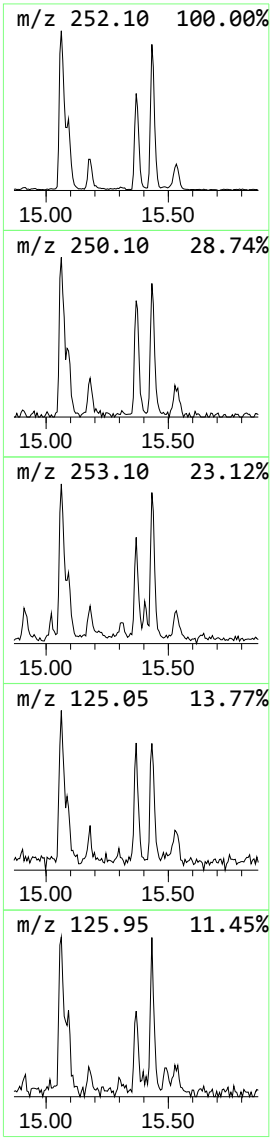
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	2.94 ng	80314	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	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
Heptacosane	10.769	2.3	ng	101151	4	11.363	884856	20.0
1-Heptadecene	13.851	3.1	ng	116712	5	14.010	740674	20.0
Benzo[e]pyrene	15.368	2.9	ng	80314	6	15.486	546306	20.0