LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134725.D
Acq On : 11 Aug 2023 10:54
Operator : CG\JU
Sample : 03955-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-22

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	497	500	509	rVB	45827	52574	2.22%	0.222%
2	5.428	564	568	572	rBV	2379398	2146823	90.56%	9.072%
3	6.434	734	739	742	rBV	2375692	2117900	89.34%	8.950%
4	6.634	769	773	778	rBV	57429	61951	2.61%	0.262%
5	6.798	798	801	805	rBV	1336588	1022778	43.14%	4.322%
6	7.357	892	896	899	rBV	1615916	1362811	57.49%	5.759%
7	8.075	1014	1018	1021	rBV	1507531	1345810	56.77%	5.687%
8	8.098	1021	1022	1025	rVB	163767	83305	3.51%	0.352%
9	8.792	1136	1140	1147	rVB	48937	43888	1.85%	0.185%
10	8.886	1152	1156	1163	rBV	50674	43461	1.83%	0.184%
11	9.151	1197	1201	1212	rBV	2563157	2370652	100.00%	10.018%
12	9.274	1220	1222	1226	rVB	46675	37338	1.58%	0.158%
13	9.427	1243	1248	1251	rBV3	21782	33775	1.42%	0.143%
14	9.492	1254	1259	1261	rBV	32585	33762	1.42%	0.143%
15	9.692	1290	1293	1299	rVB	34615	29202	1.23%	0.123%
16	9.833	1311	1317	1320	rBV	1577729	1295962	54.67%	5.477%
17	9.863	1320	1322	1326	rVB	150317	122844	5.18%	0.519%
18	10.039	1348	1352	1356	rBV	78469	76975	3.25%	0.325%
19	10.380	1407	1410	1415	rVB	102187	86000	3.63%	0.363%
20	10.539	1434	1437	1441	rVB	35920	34064	1.44%	0.144%
21	10.621	1447	1451	1458	rBV	1387688	1178553	49.71%	4.980%
22	10.745	1469	1472	1479	rVB2	36729	41464	1.75%	0.175%
23	10.933	1497	1504	1506	rBV4	20237	38125	1.61%	0.161%
24	11.127	1534	1537	1541	rVB	37593	33493	1.41%	0.142%
25	11.174	1541	1545	1547	rVV2	16482	25104	1.06%	0.106%
26	11.216	1550	1552	1557	rVB	46750	42667	1.80%	0.180%
27	11.321	1566	1570	1572	rBV	1313796	1124019	47.41%	4.750%
28	11.345	1572	1574	1577	rVV	845436	638113	26.92%	2.697%
29	11.398	1577	1583	1587	rVB	167275	174977	7.38%	0.739%
30	11.557	1604	1610	1612	rBV2	53390	66255	2.79%	0.280%
31	11.621	1618	1621	1624	rVB2	34344	27669	1.17%	0.117%
32	11.827	1650	1656	1658	rBV	68693	77485	3.27%	0.327%
33	11.857	1658	1661	1665	rVV	296565	286918	12.10%	1.212%
34	11.898	1665	1668	1671	rVV2	54321	62680	2.64%	0.265%
35	11.933	1671	1674	1677	rVV	105489	125483	5.29%	0.530%
36	11.957	1677	1678	1684	rVB	49814	38581	1.63%	0.163%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.121	1703	1706	1708	rBV	54122	45313	1.91%	0.191%
38	12.145	1708	1710	1713	rVB	41843	31416	1.33%	0.133%
39	12.374	1746	1749	1752	rBV	36973	42118	1.78%	0.178%
40	12.421	1754	1757	1761	rVV4	35144	46815	1.97%	0.198%
41	12.463	1761	1764	1768	rVB	36107	43581	1.84%	0.184%
42	12.539	1773	1777	1780	rBV	723689	604309	25.49%	2.554%
43	12.645	1790	1795	1798	rBV3	51775	67308	2.84%	0.284%
44	12.768	1809	1816	1819	rBV	565681	634912	26.78%	2.683%
45	12.815	1822	1824	1829	rVB2	37631	44157	1.86%	0.187%
46	12.886	1833	1836	1837	rBV	38568	33475	1.41%	0.141%
47	12.915	1837	1841	1844	rVV	2136773	1842672	77.73%	7.787%
48	12.992	1848	1854	1856	rBV3	35770	55112	2.32%	0.233%
49	13.074	1865	1868	1869	rBV2	29064	32165	1.36%	0.136%
50	13.098	1869	1872	1875	rVB	64675	67536	2.85%	0.285%
51	13.162	1880	1883	1886	rVB2	40516	39659	1.67%	0.168%
52	13.198	1886	1889	1892	rBV2	60422	67032	2.83%	0.283%
53	13.292	1902	1905	1908	rBV	56622	55108	2.32%	0.233%
54	13.604	1956	1958	1963	rVB	47322	58777	2.48%	0.248%
55	13.715	1974	1977	1980	rBV2	33901	43583	1.84%	0.184%
56	13.745	1980	1982	1984	rVV	34245	30402	1.28%	0.128%
57	13.768	1984	1986	1988	rVV	31754	32828	1.38%	0.139%
58	13.827	1991	1996	2005	rVV5	175293	318350	13.43%	1.345%
59	13.968	2015	2020	2023	rBV2	1167728	1250699	52.76%	5.285%
60	13.992	2023	2024	2033	rVV	237873	235471	9.93%	0.995%
61	14.074	2036	2038	2046	rVB4	66749	70257	2.96%	0.297%
62	14.357	2084	2086	2089	rVB	37788	32012	1.35%	0.135%
63	14.457	2100	2103	2106	rBV4	45166	59929	2.53%	0.253%
64	15.009	2193	2197	2201	rBV	171269	297448	12.55%	1.257%
65	15.315	2246	2249	2256	rVB2	116298	156762	6.61%	0.662%
66	15.374	2256	2259	2264	rBV	122130	154760	6.53%	0.654%
67	15.439	2266	2270	2275	rBV	618587	786131	33.16%	3.322%

Sum of corrected areas: 23663558

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ClientSampleId :
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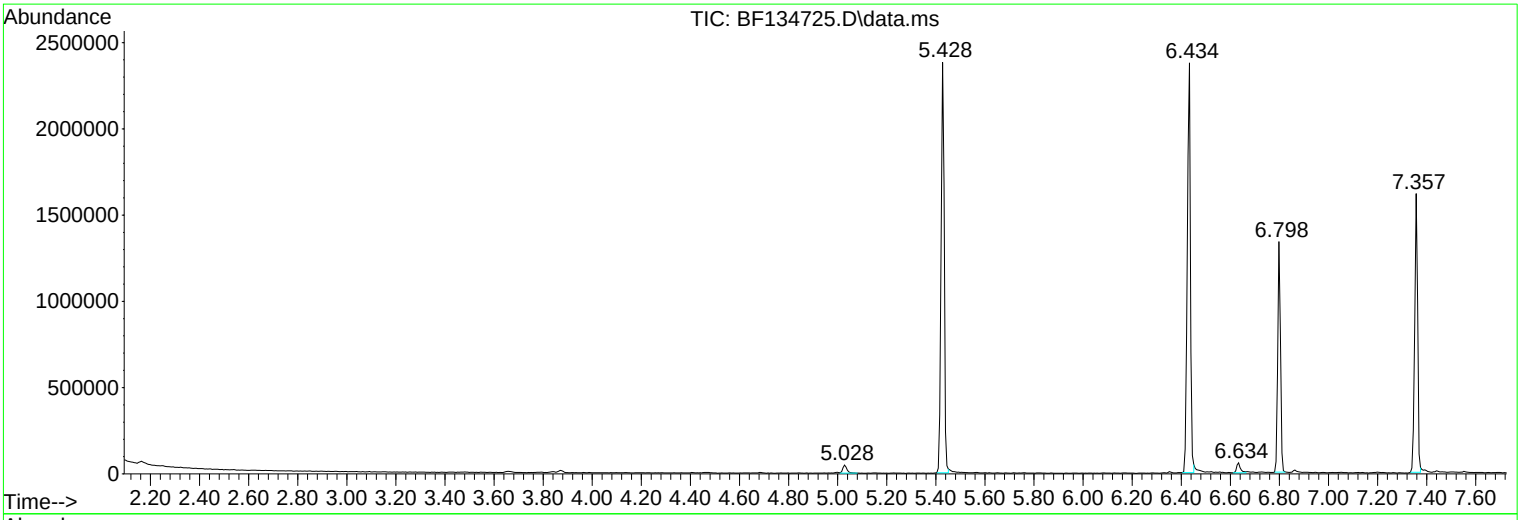
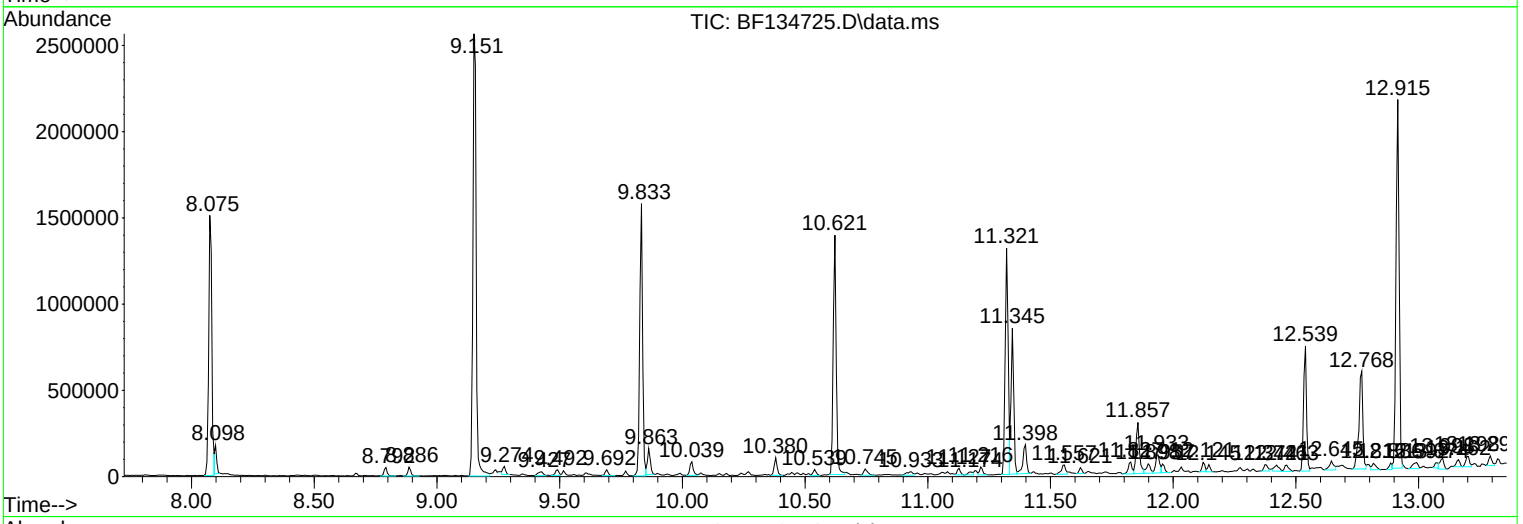
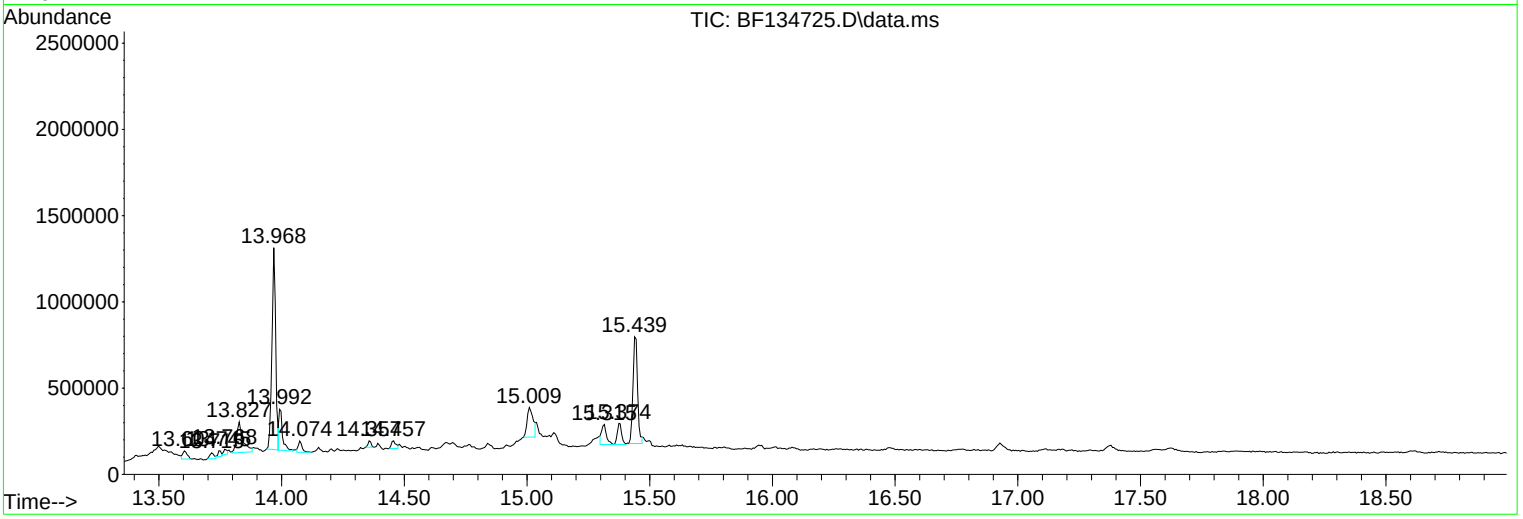
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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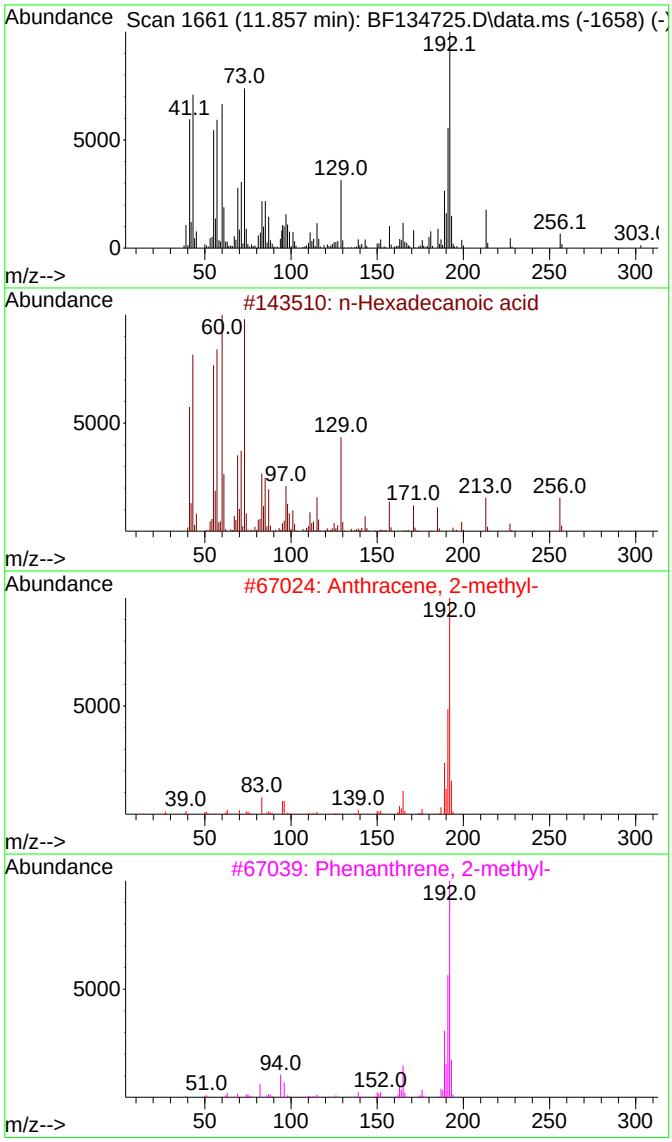
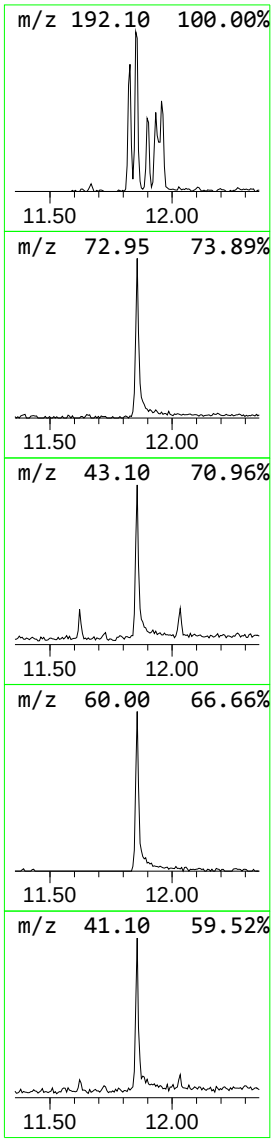
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.11 ng	286918	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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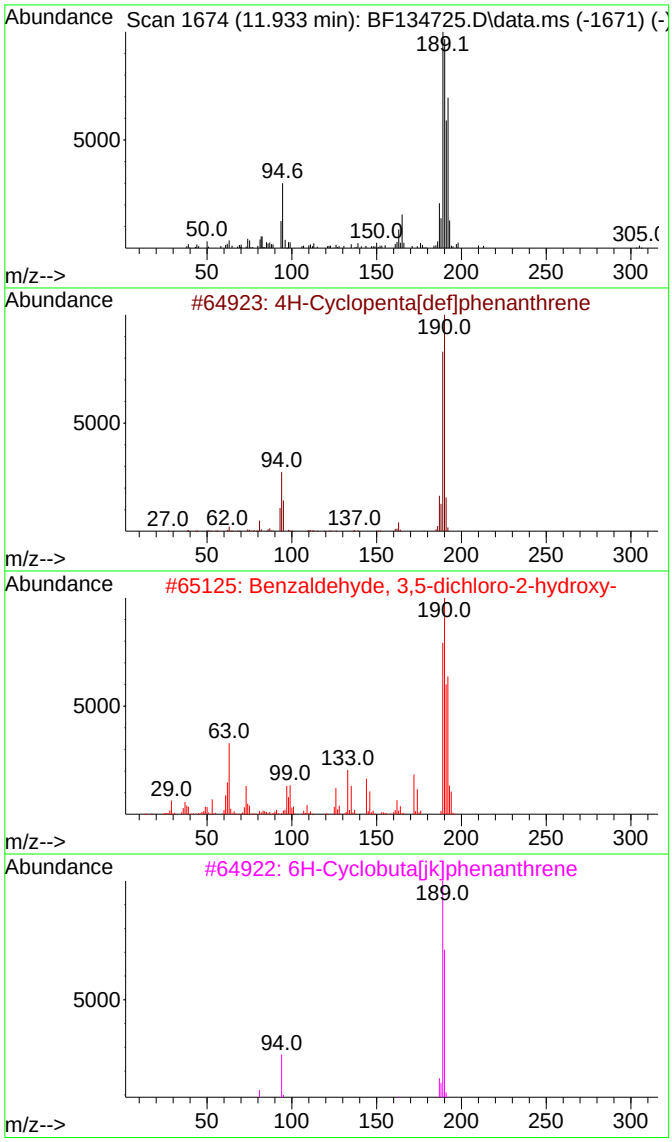
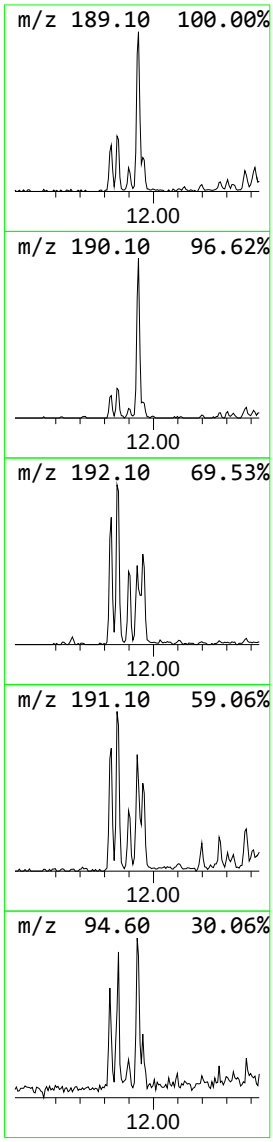
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.23 ng	125483	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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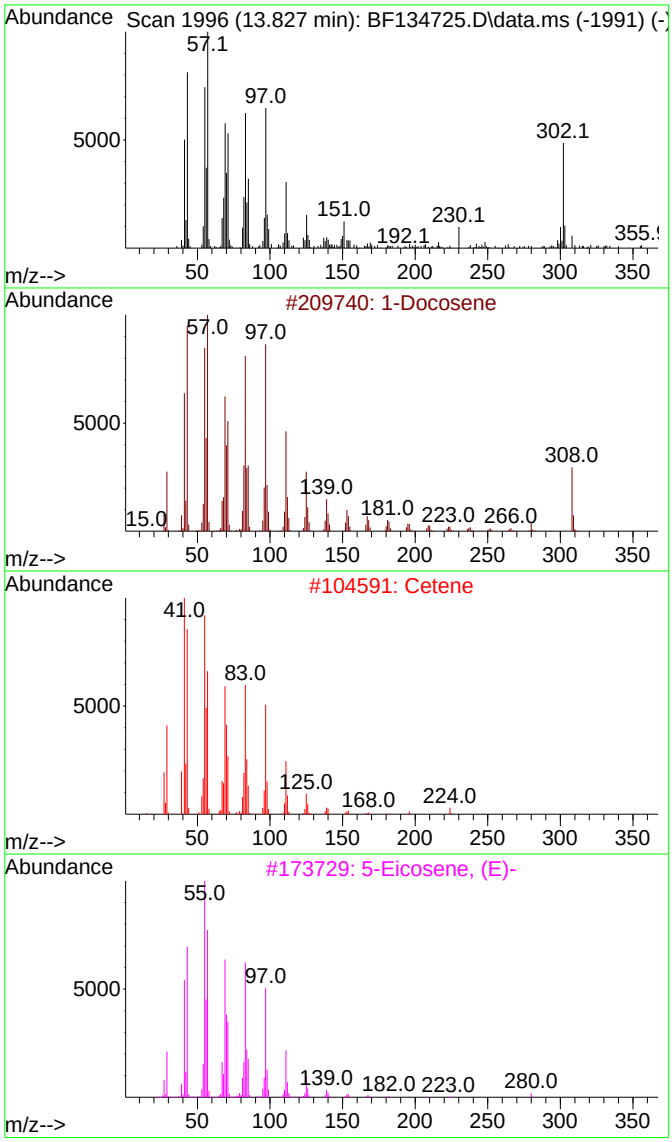
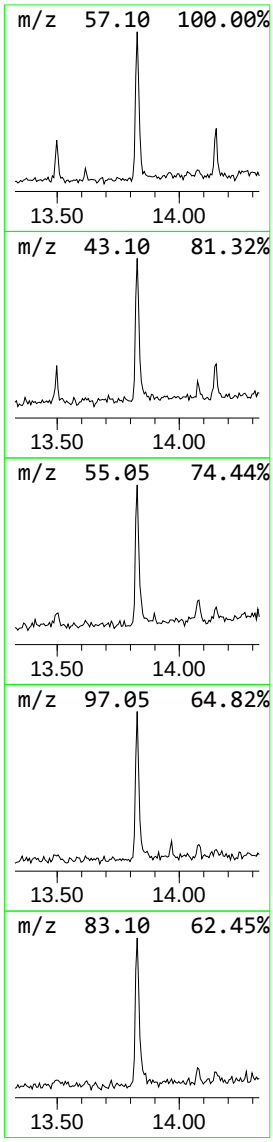
Peak Number 3 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	5.09 ng	318350	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cetene	224	C16H32	000629-73-2	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70





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

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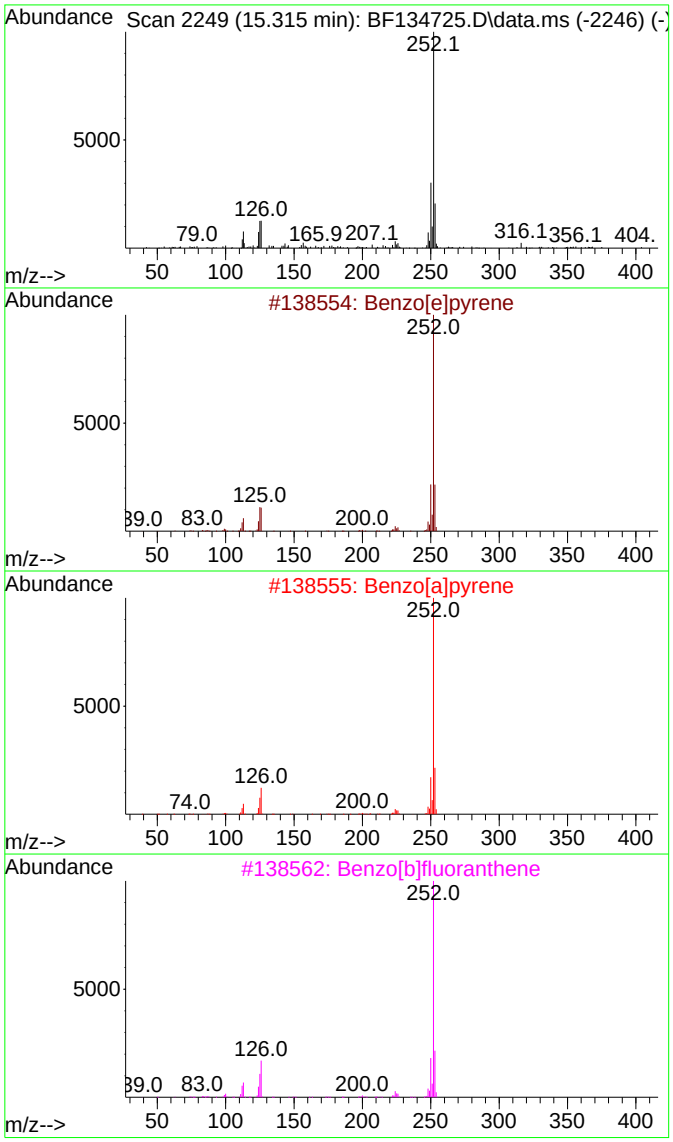
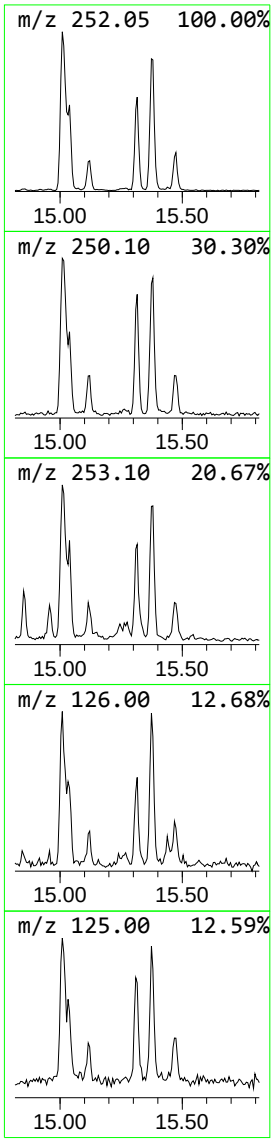
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	3.99 ng	156762	Perylene-d12	15.439

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	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.857	5.1	ng	286918	4	11.321	1124020	20.0
4H-Cyclopenta[d...	11.933	2.2	ng	125483	4	11.321	1124020	20.0
1-Docosene	13.827	5.1	ng	318350	5	13.968	1250700	20.0
Benzo[e]pyrene	15.315	4.0	ng	156762	6	15.439	786131	20.0