LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134451.D
Acq On : 25 Jul 2023 03:08
Operator : CG\JU
Sample : 03652-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP18

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	17	rVB	190848	274787	14.02%	2.006%
2	5.475	572	576	590	rBV	1851929	1764517	90.03%	12.880%
3	6.475	742	746	749	rBV	1787940	1802961	91.99%	13.160%
4	6.834	803	807	819	rBV	507011	416341	21.24%	3.039%
5	7.398	899	903	906	rBV	1346935	1127464	57.53%	8.230%
6	8.110	1021	1024	1034	rBV	535312	439695	22.43%	3.209%
7	9.186	1203	1207	1210	rBV	2090749	1728995	88.22%	12.620%
8	9.586	1272	1275	1280	rBV	51125	43240	2.21%	0.316%
9	9.869	1319	1323	1326	rBV	633289	478483	24.41%	3.493%
10	10.663	1454	1458	1474	rBV	1440228	1298824	66.27%	9.481%
11	11.363	1573	1577	1580	rBV	616691	533281	27.21%	3.893%
12	11.386	1580	1581	1587	rVB	115757	79392	4.05%	0.580%
13	11.892	1665	1667	1672	rBV2	95425	86587	4.42%	0.632%
14	12.586	1781	1785	1789	rBV	242603	198233	10.11%	1.447%
15	12.816	1818	1824	1829	rVB	176527	174558	8.91%	1.274%
16	12.963	1844	1849	1852	rBV	2250349	1959940	100.00%	14.306%
17	13.880	2000	2005	2015	rBV4	25886	59720	3.05%	0.436%
18	14.027	2025	2030	2033	rBV	481499	492388	25.12%	3.594%
19	14.051	2033	2034	2039	rVB	77285	55739	2.84%	0.407%
20	15.086	2206	2210	2219	rBV	57074	113871	5.81%	0.831%
21	15.398	2260	2263	2269	rVB	33257	41708	2.13%	0.304%
22	15.463	2271	2274	2279	rBV	38549	50452	2.57%	0.368%
23	15.527	2280	2285	2290	rBV	289573	389801	19.89%	2.845%
24	17.074	2543	2548	2554	rBV2	20944	46810	2.39%	0.342%
25	17.545	2622	2628	2635	rBV2	16966	42136	2.15%	0.308%

Sum of corrected areas: 13699923

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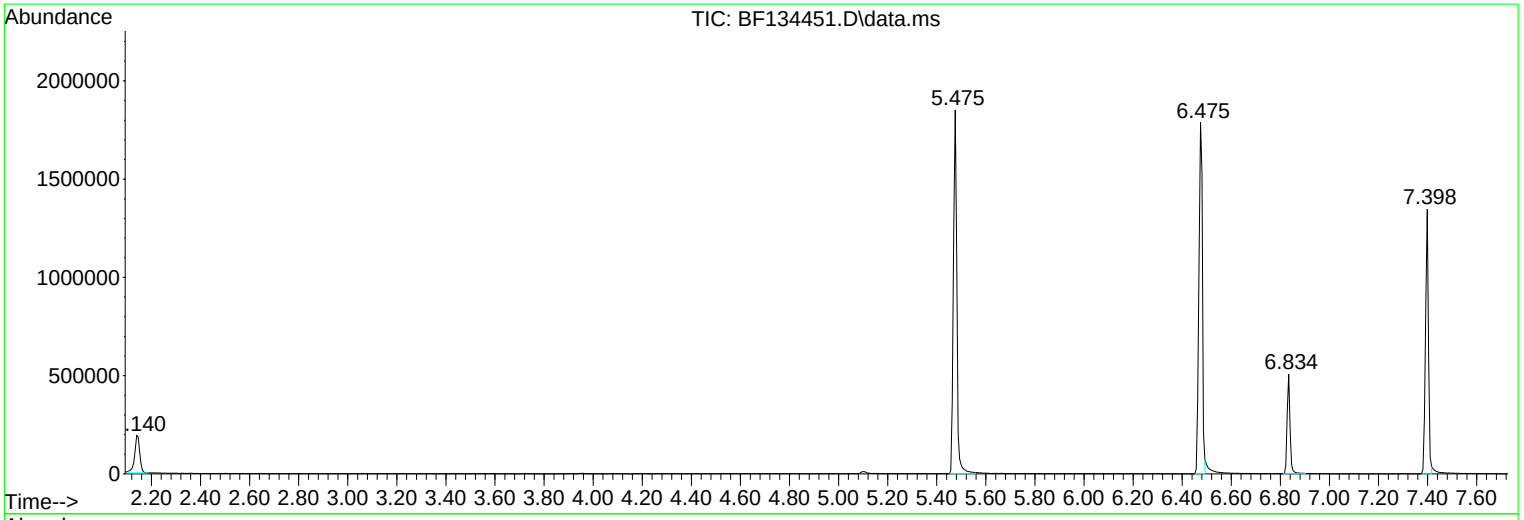
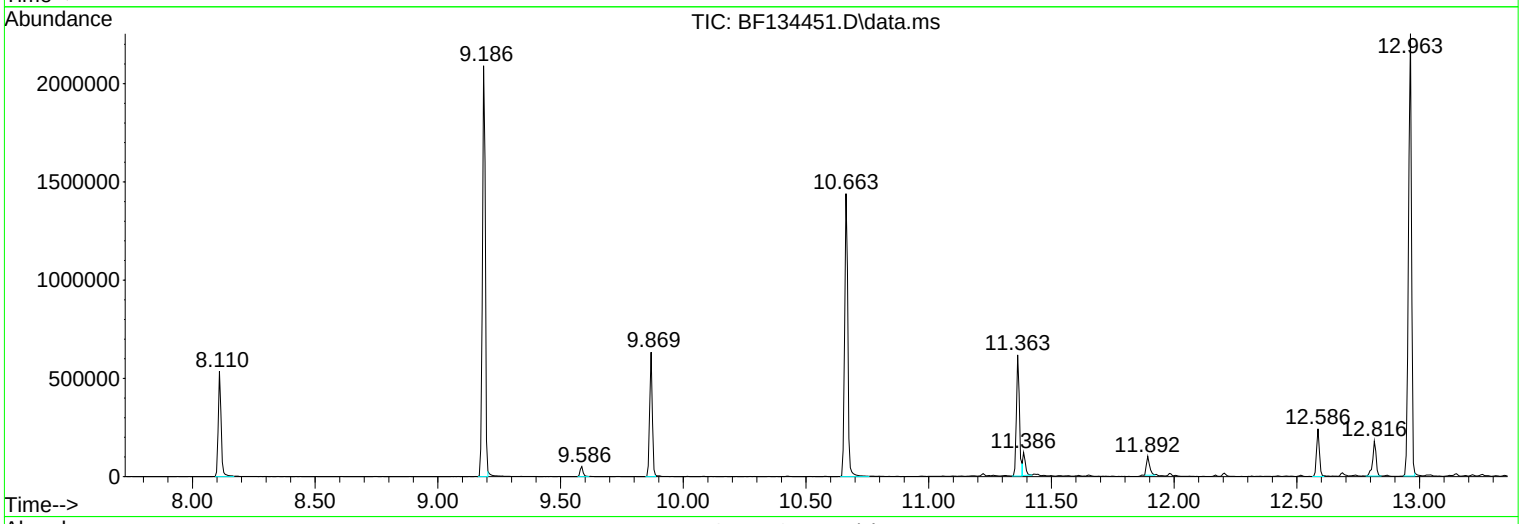
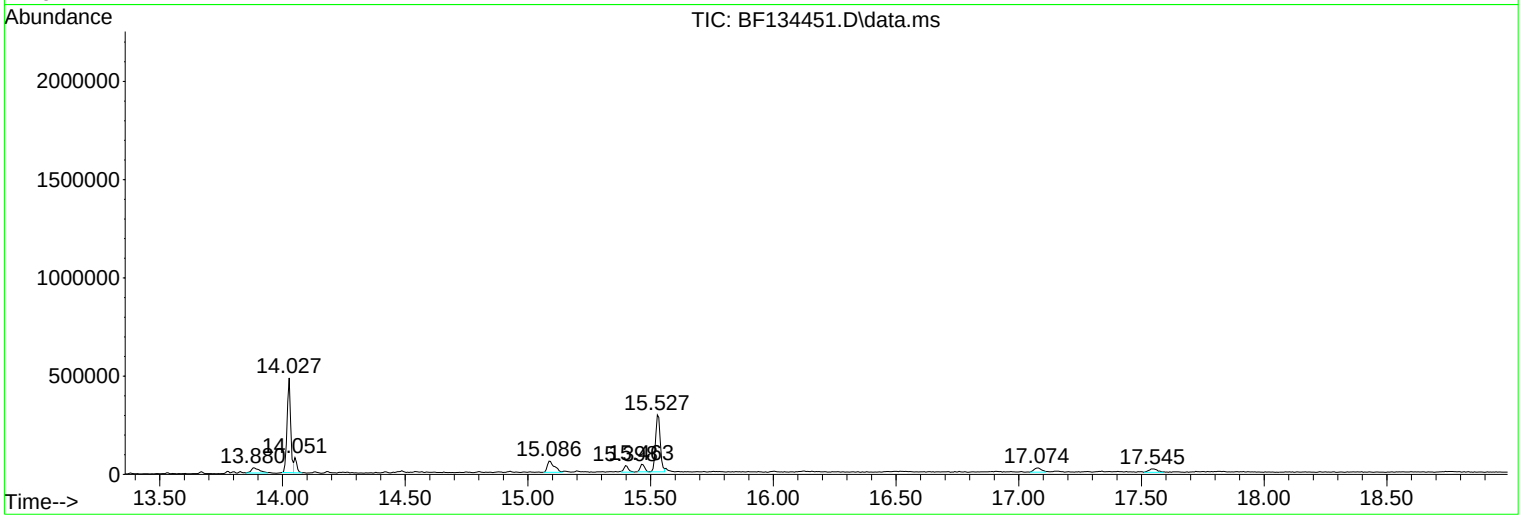
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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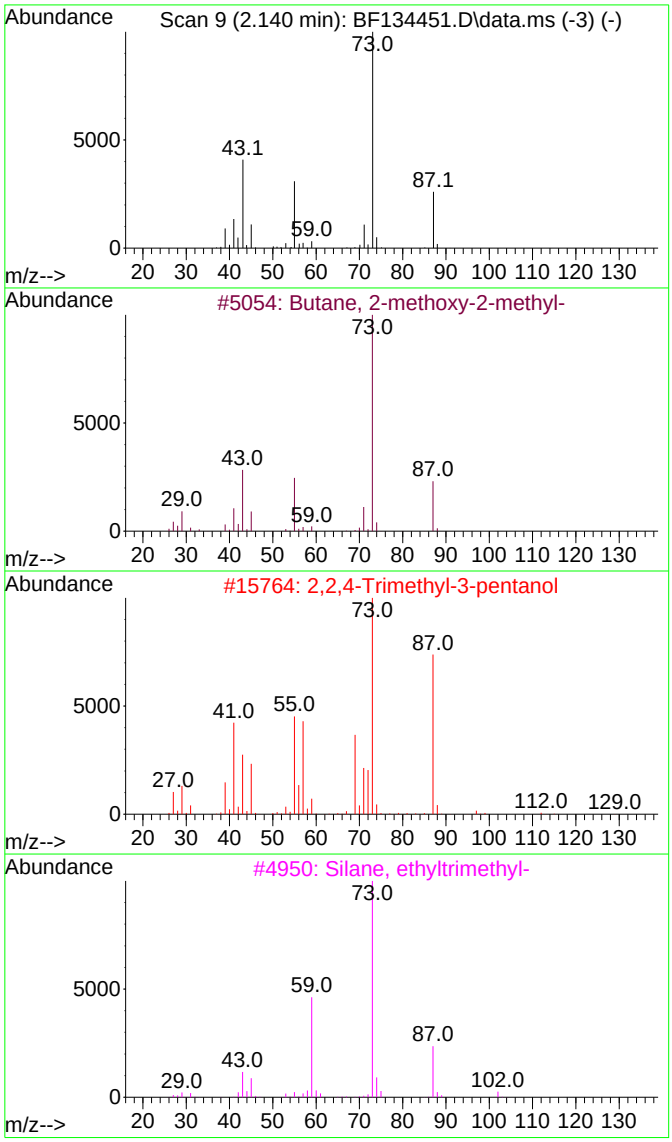
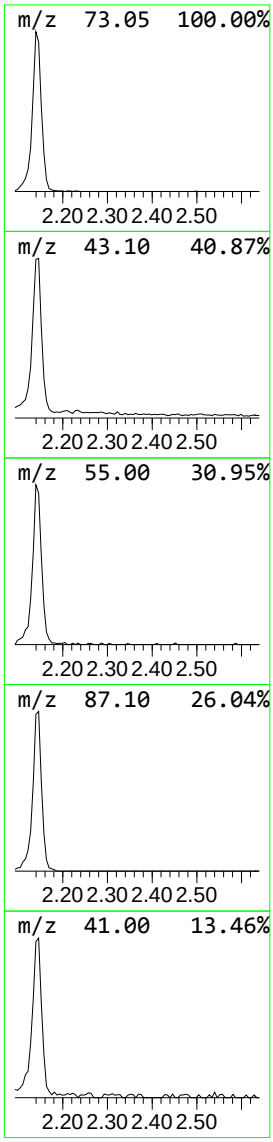
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	13.20 ng	274787	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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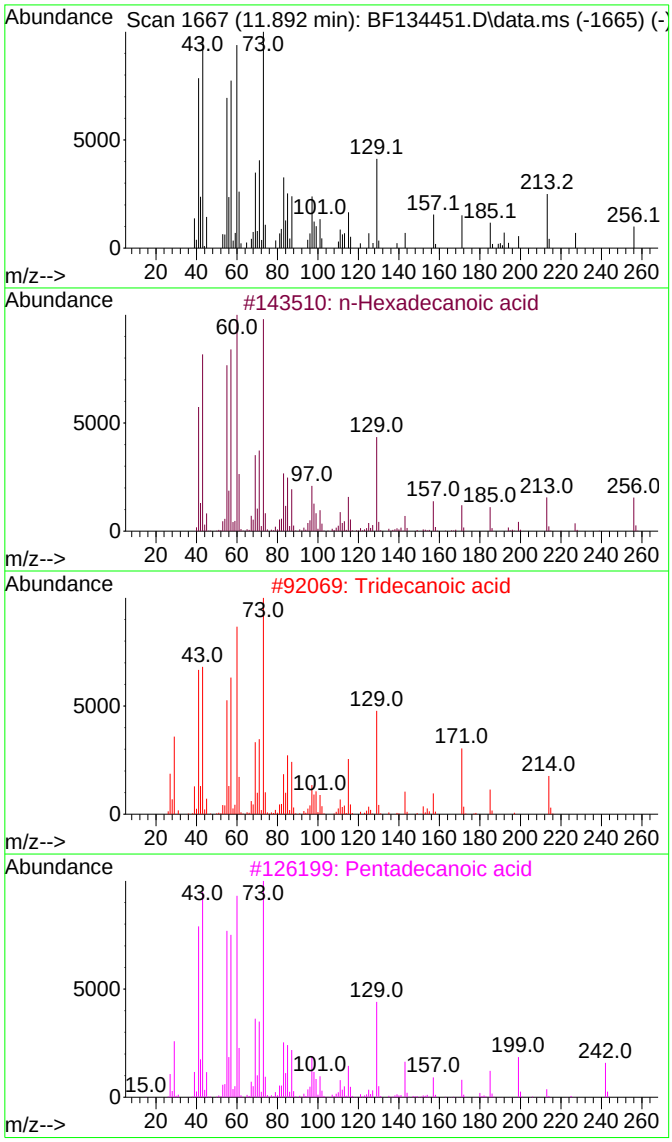
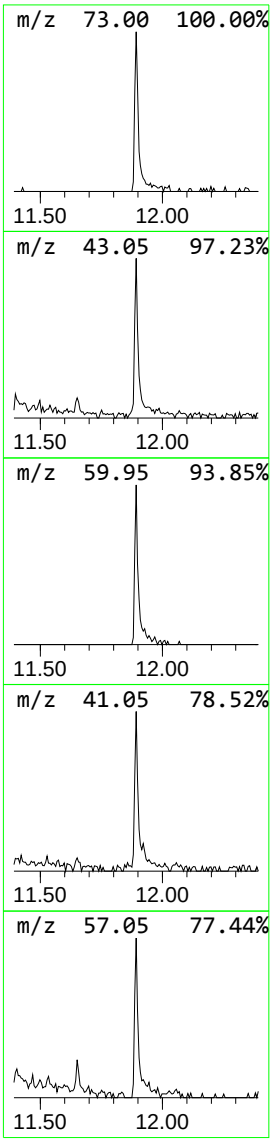
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.25 ng	86587	Phenanthrene-d10	11.363

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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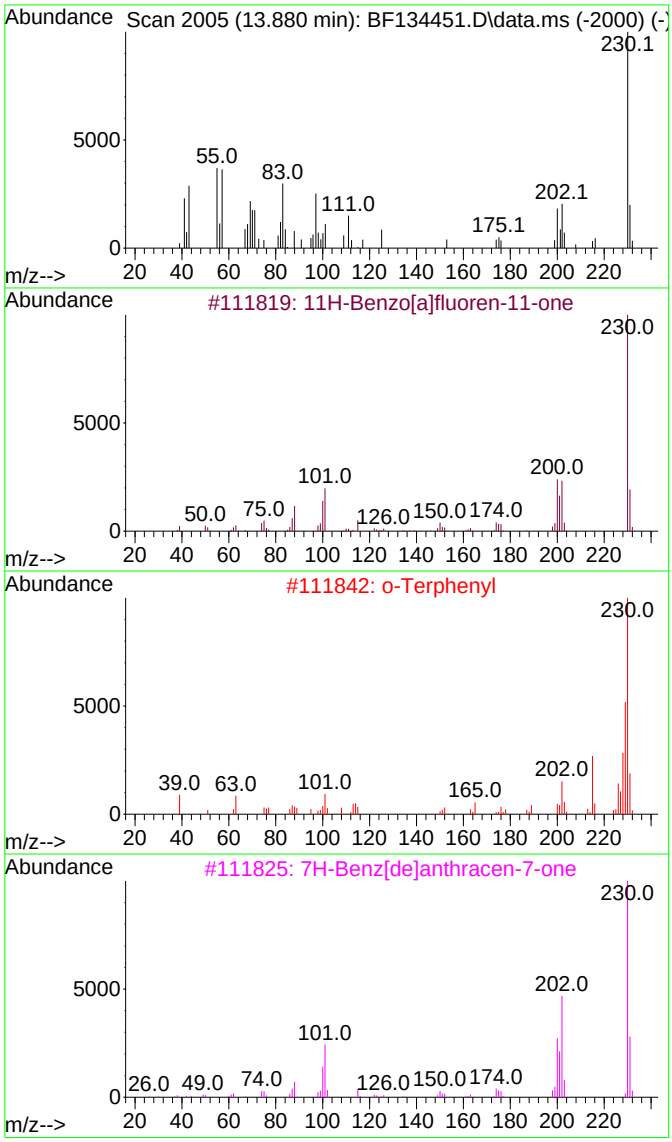
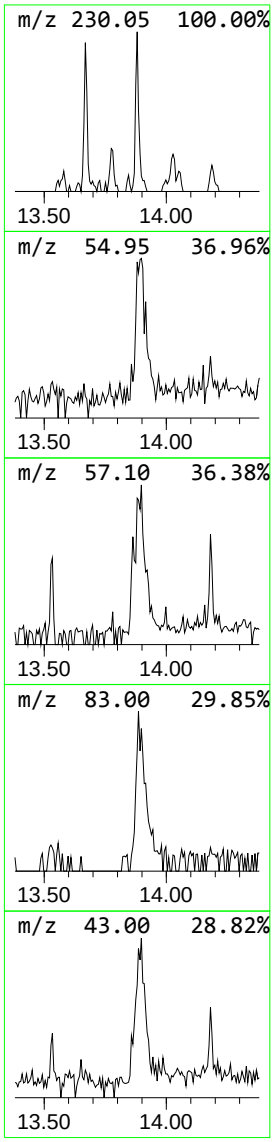
Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.43 ng	59720	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	62
2	o-Terphenyl	230	C18H14	000084-15-1	58
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	50





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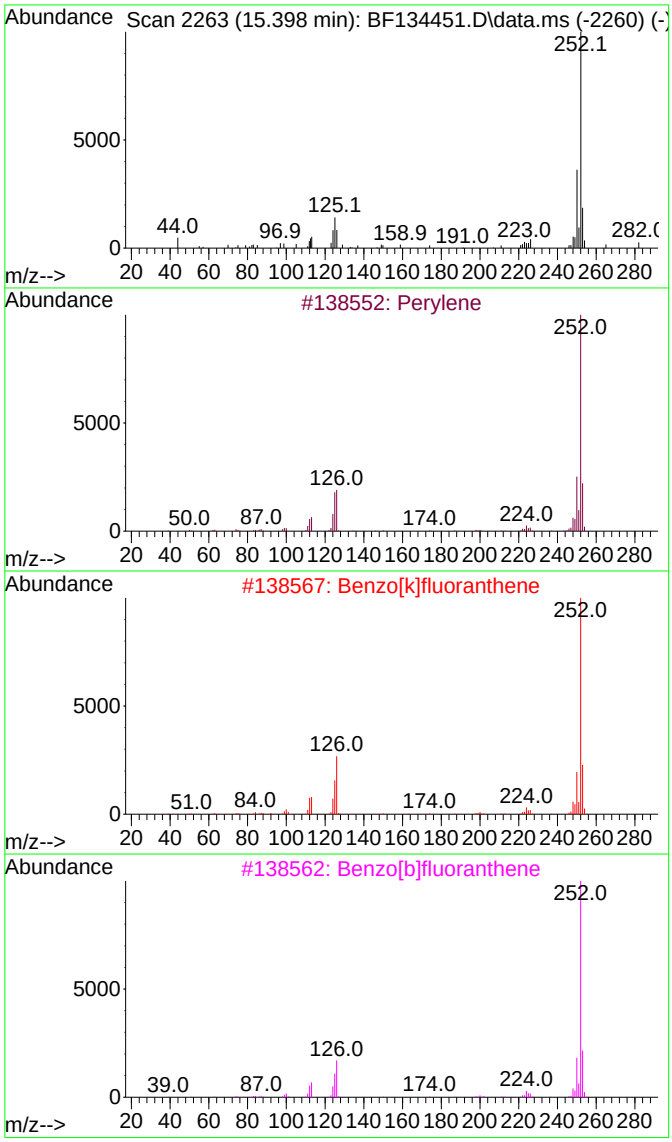
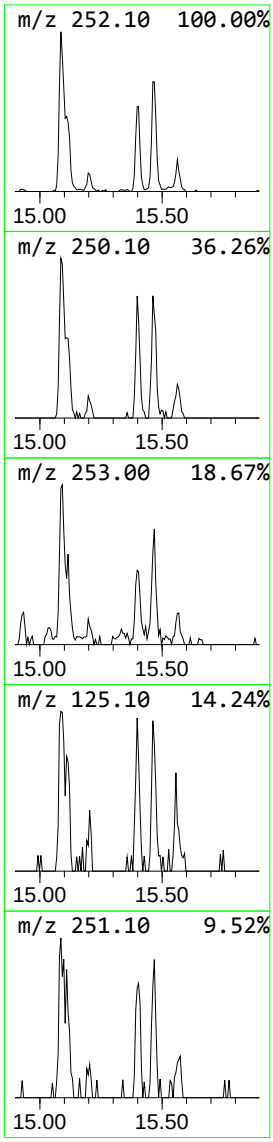
Peak Number 4 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	2.14 ng	41708	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





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
Butane, 2-metho...	2.140	13.2	ng	274787	1	6.834	416341	20.0
n-Hexadecanoic ...	11.892	3.3	ng	86587	4	11.363	533281	20.0
11H-Benzo[a]flu...	13.880	2.4	ng	59720	5	14.027	492388	20.0
Perylene	15.398	2.1	ng	41708	6	15.527	389801	20.0