LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
Data File : BF137856.D
Acq On : 08 May 2024 15:45
Operator : CG\JU
Sample : P2408-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-285

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137856.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	17	21	26	rVB2	53315	84767	2.64%	0.316%
2	2.428	51	58	65	rVB	1605575	2145749	66.91%	7.996%
3	5.298	538	546	551	rBV	57124	71753	2.24%	0.267%
4	5.675	605	610	613	rBV	2628625	2449914	76.39%	9.129%
5	6.334	719	722	727	rVB	103864	81165	2.53%	0.302%
6	6.663	772	778	781	rBV	2353617	2528883	78.86%	9.424%
7	6.998	831	835	838	rVB	80527	61819	1.93%	0.230%
8	7.051	840	844	847	rBV	1062834	933271	29.10%	3.478%
9	7.569	928	932	934	rBV	65648	57079	1.78%	0.213%
10	7.610	934	939	942	rBV	1880338	1650541	51.47%	6.151%
11	8.333	1058	1062	1065	rBV	1634850	1265531	39.46%	4.716%
12	8.633	1111	1113	1122	rBV	30029	38767	1.21%	0.144%
13	9.410	1240	1245	1248	rBV	3902262	3206911	100.00%	11.950%
14	10.098	1358	1362	1365	rBV	1632903	1459452	45.51%	5.439%
15	10.174	1371	1375	1381	rBV	49842	68128	2.12%	0.254%
16	10.886	1492	1496	1499	rBV	2228064	1823758	56.87%	6.796%
17	11.592	1612	1616	1618	rBV	1420041	1305422	40.71%	4.865%
18	11.616	1618	1620	1623	rVV	336332	266332	8.30%	0.992%
19	11.663	1623	1628	1631	rVV	44855	41705	1.30%	0.155%
20	12.098	1698	1702	1704	rBV2	340989	318195	9.92%	1.186%
21	12.116	1704	1705	1711	rVB2	86491	79503	2.48%	0.296%
22	12.204	1717	1720	1722	rBV2	66589	72037	2.25%	0.268%
23	12.286	1729	1734	1738	rBV5	40262	46819	1.46%	0.174%
24	12.810	1815	1823	1826	rBV	524086	490870	15.31%	1.829%
25	12.880	1831	1835	1841	rBV3	78104	96517	3.01%	0.360%
26	13.039	1859	1862	1867	rVB	456318	399716	12.46%	1.490%
27	13.174	1879	1885	1889	rBV	2615675	2294483	71.55%	8.550%
28	13.251	1894	1898	1907	rBV4	32857	67320	2.10%	0.251%
29	13.363	1915	1917	1920	rVB	51915	44231	1.38%	0.165%
30	13.468	1931	1935	1938	rBV3	42734	43955	1.37%	0.164%
31	13.598	1954	1957	1961	rBV3	24568	39331	1.23%	0.147%
32	13.992	2019	2024	2026	rBV3	28289	41215	1.29%	0.154%
33	14.104	2038	2043	2049	rVB4	37591	82677	2.58%	0.308%
34	14.162	2049	2053	2058	rVV2	98741	111173	3.47%	0.414%
35	14.239	2061	2066	2069	rBV2	986427	1023630	31.92%	3.814%
36	14.262	2069	2070	2076	rVB	187275	168566	5.26%	0.628%

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Instrument :
BNA_F
ClientSampleId :
ETGI-285

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.321	2077	2080	2083	rBV2	69902	80557	2.51%	0.300%
38	14.380	2087	2090	2096	rVB3	41719	40449	1.26%	0.151%
39	14.515	2108	2113	2115	rBV5	22930	43766	1.36%	0.163%
40	15.109	2211	2214	2218	rBV	41050	38122	1.19%	0.142%
41	15.333	2248	2252	2256	rBV	159242	259140	8.08%	0.966%
42	15.398	2260	2263	2269	rVB2	47997	61965	1.93%	0.231%
43	15.668	2306	2309	2316	rVB	93152	120622	3.76%	0.449%
44	15.739	2317	2321	2328	rVB	116110	142372	4.44%	0.531%
45	15.809	2328	2333	2338	rBV	631683	864950	26.97%	3.223%
46	16.304	2413	2417	2427	rVB4	39214	73887	2.30%	0.275%
47	17.433	2605	2609	2617	rVB2	40087	79482	2.48%	0.296%
48	17.933	2690	2694	2705	rVB	31066	68839	2.15%	0.257%

Sum of corrected areas: 26835336

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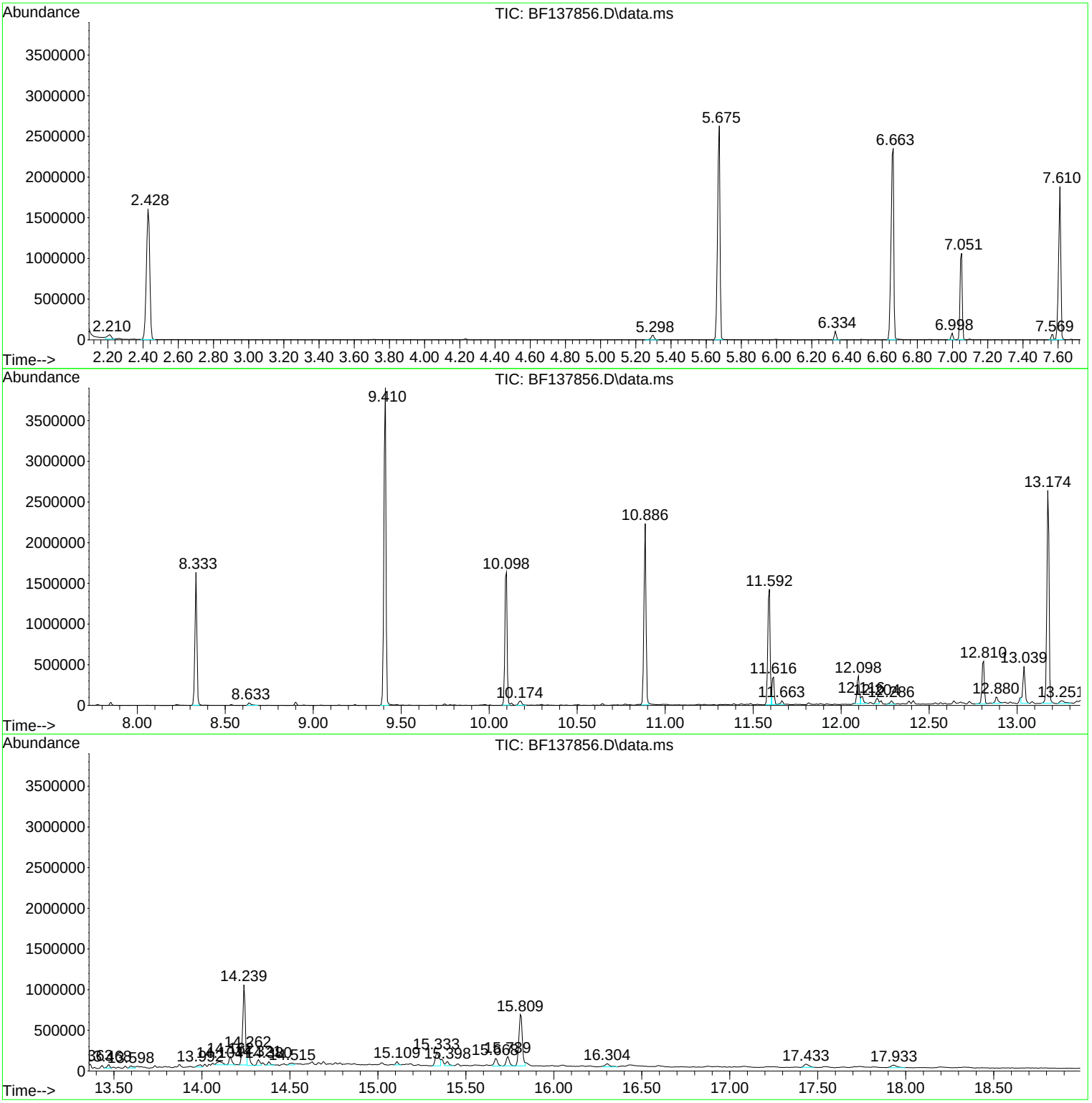
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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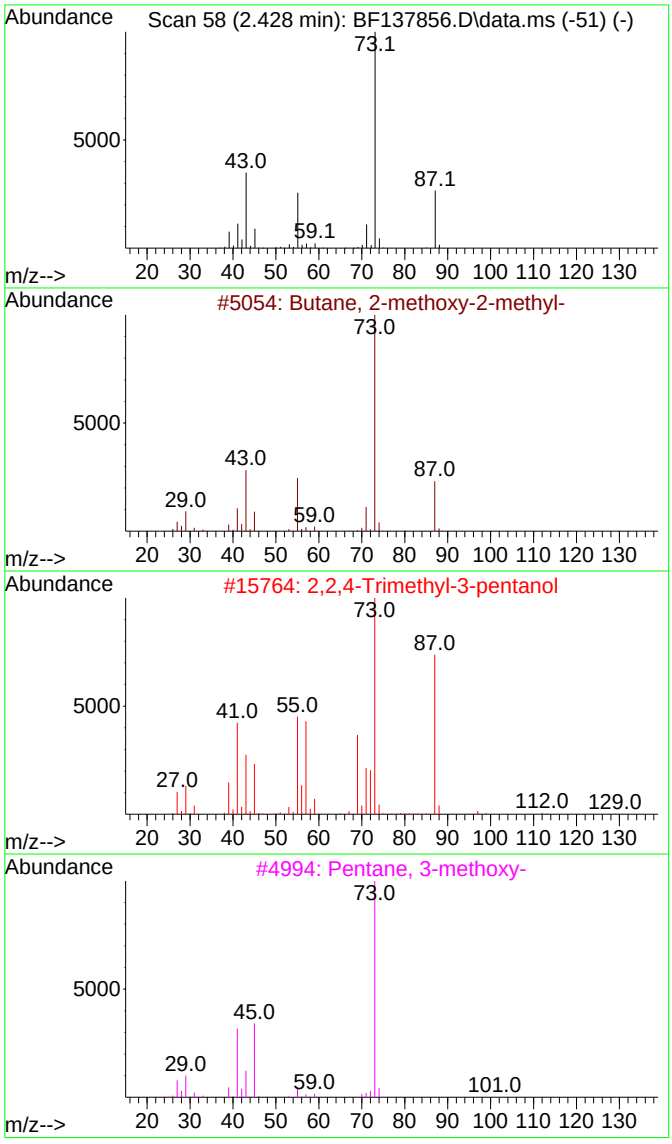
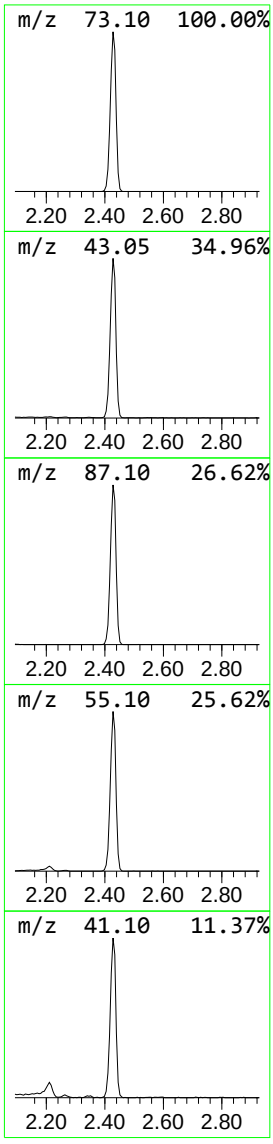
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.428	45.98 ng	2145750	1,4-Dichlorobenzene-d4	7.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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TIC Library : C:\Database\NIST20.L
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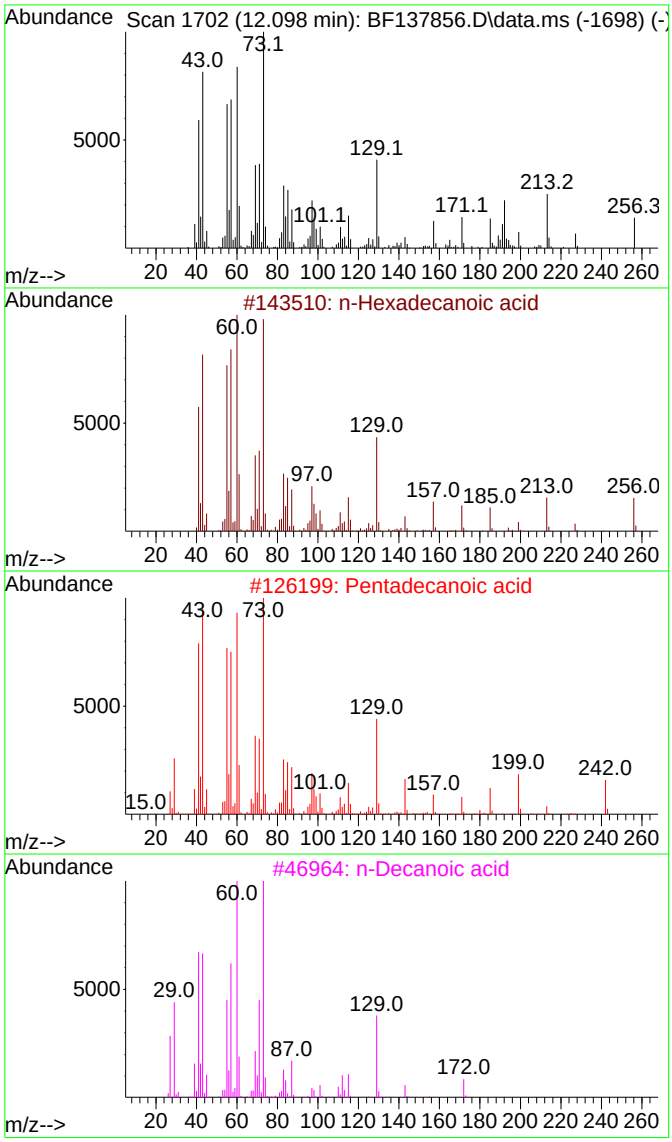
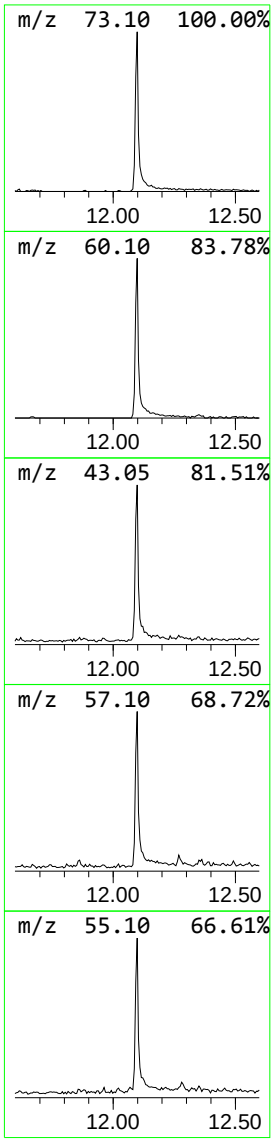
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	4.87 ng	318195	Phenanthrene-d10	11.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Nonanoic acid	158	C9H18O2	000112-05-0	41





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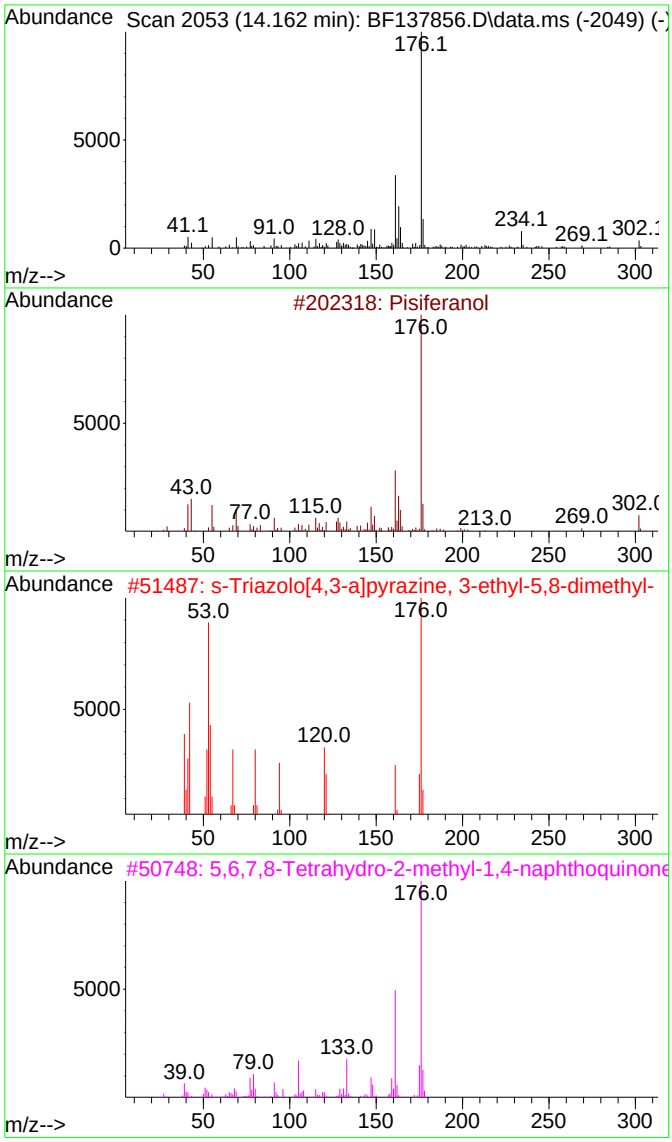
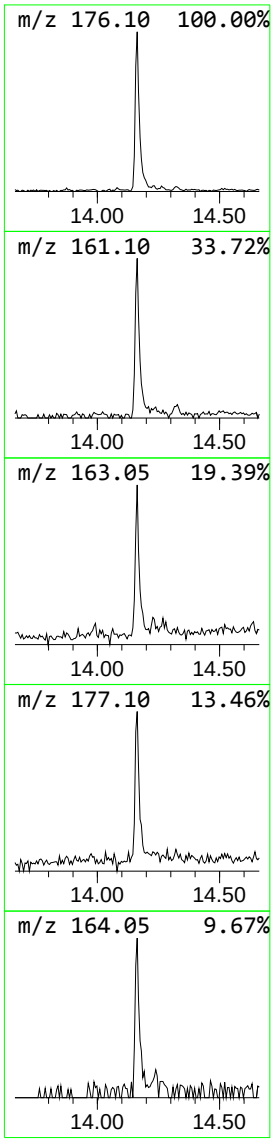
Peak Number 3 Pisiferanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	2.17 ng	111173	Chrysene-d12	14.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pisiferanol	302	C20H30O2	099152-14-4	83
2	s-Triazolo[4,3-a]pyrazine, 3-eth...	176	C9H12N4	019848-81-8	58
3	5,6,7,8-Tetrahydro-2-methyl-1,4-...	176	C11H12O2	000058-26-4	53
4	Quinolin-6-ol, 2,2,4-trimethyl-1...	191	C12H17NO	1000302-68-6	47
5	3-Nitro-1-methylindole	176	C9H8N2O2	036728-89-9	43





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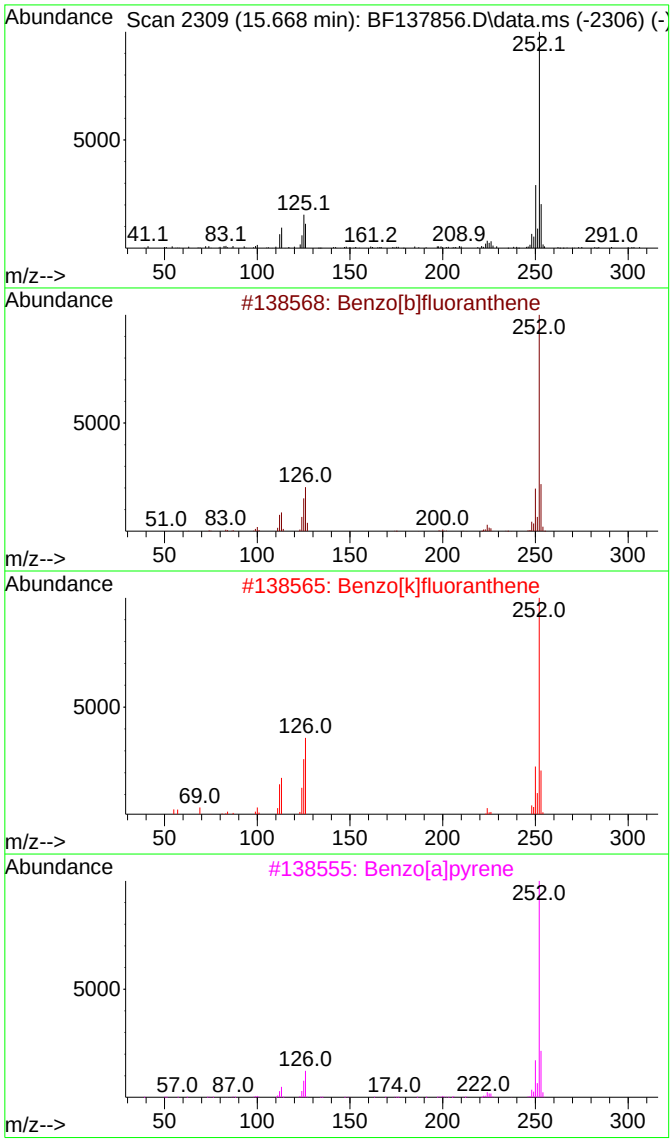
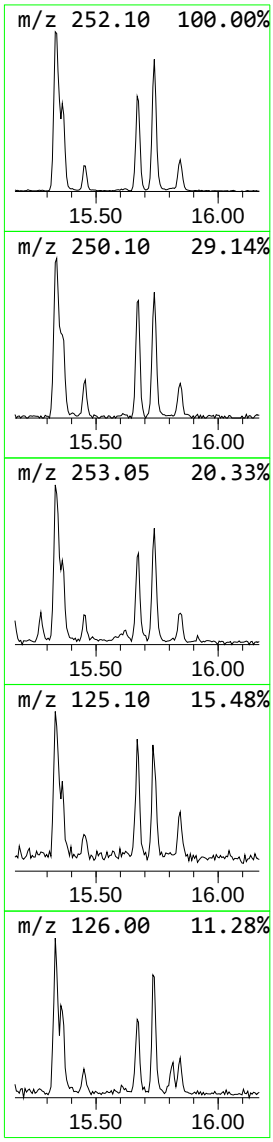
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.668	2.79 ng	120622	Perylene-d12	15.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.428	46.0	ng	2145750	1	7.051	933271	20.0
n-Hexadecanoic ...	12.098	4.9	ng	318195	4	11.592	1305420	20.0
Pisiferanol	14.163	2.2	ng	111173	5	14.239	1023630	20.0
Benzo[e]pyrene	15.668	2.8	ng	120622	6	15.809	864950	20.0