LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137018.D
Acq On : 10 Jan 2024 14:12
Operator : CG\JU
Sample : P1073-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
69-2-TP

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	8	12	17	rVB	12078	16307	1.46%	0.183%
2	5.016	494	498	506	rBV	58924	67659	6.06%	0.761%
3	5.428	565	568	583	rBV	1044409	980491	87.79%	11.029%
4	6.434	735	739	754	rBV	1082943	983273	88.04%	11.060%
5	6.781	795	798	802	rBV	396974	313527	28.07%	3.527%
6	7.345	890	894	897	rBV	742408	610343	54.65%	6.865%
7	8.057	1011	1015	1028	rVB	490366	405260	36.28%	4.558%
8	9.134	1194	1198	1201	rBV	1328863	1116897	100.00%	12.563%
9	9.816	1310	1314	1318	rBV	556425	433219	38.79%	4.873%
10	10.610	1446	1449	1461	rBV	661945	650131	58.21%	7.313%
11	11.310	1564	1568	1571	rBV	506953	428967	38.41%	4.825%
12	11.333	1571	1572	1576	rVV	105522	62649	5.61%	0.705%
13	11.386	1577	1581	1585	rVB	28499	28773	2.58%	0.324%
14	11.845	1656	1659	1666	rBV	122613	132949	11.90%	1.495%
15	11.927	1670	1673	1680	rVB3	23232	28102	2.52%	0.316%
16	12.533	1772	1776	1779	rBV	159178	134826	12.07%	1.517%
17	12.633	1790	1793	1800	rBV2	28440	37205	3.33%	0.418%
18	12.763	1810	1815	1820	rBV	126305	123619	11.07%	1.390%
19	12.904	1835	1839	1843	rBV	1083100	982908	88.00%	11.056%
20	13.092	1864	1871	1875	rBV2	18439	24592	2.20%	0.277%
21	13.163	1880	1883	1885	rVB	16135	13472	1.21%	0.152%
22	13.286	1901	1904	1908	rVB4	15279	16912	1.51%	0.190%
23	13.480	1932	1937	1939	rBV2	20513	19354	1.73%	0.218%
24	13.774	1984	1987	1991	rBV4	8646	13371	1.20%	0.150%
25	13.810	1991	1993	2001	rVB3	22957	26739	2.39%	0.301%
26	13.904	2002	2009	2010	rBV3	21455	34996	3.13%	0.394%
27	13.969	2016	2020	2023	rBV2	333724	352540	31.56%	3.965%
28	13.998	2023	2025	2029	rVB	50276	44814	4.01%	0.504%
29	14.074	2033	2038	2041	rVB2	14864	19500	1.75%	0.219%
30	14.127	2044	2047	2054	rBV	21625	22716	2.03%	0.256%
31	14.433	2096	2099	2103	rBV	22392	27935	2.50%	0.314%
32	14.674	2137	2140	2144	rBV6	10320	13280	1.19%	0.149%
33	14.745	2149	2152	2155	rVB2	16285	16378	1.47%	0.184%
34	14.821	2161	2165	2170	rVB	26520	27575	2.47%	0.310%
35	15.021	2195	2199	2203	rBV	50136	82956	7.43%	0.933%
36	15.086	2208	2210	2215	rVB5	15350	19344	1.73%	0.218%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.333	2248	2252	2259	rVB	28926	43343	3.88%	0.488%
38	15.398	2259	2263	2268	rBV	44412	60074	5.38%	0.676%
39	15.457	2269	2273	2286	rVB	260298	377696	33.82%	4.248%
40	16.986	2527	2533	2539	rVB2	21774	41120	3.68%	0.463%
41	17.445	2607	2611	2619	rVB2	17753	35729	3.20%	0.402%
42	17.704	2651	2655	2663	rBV2	7106	18933	1.70%	0.213%

Sum of corrected areas: 8890474

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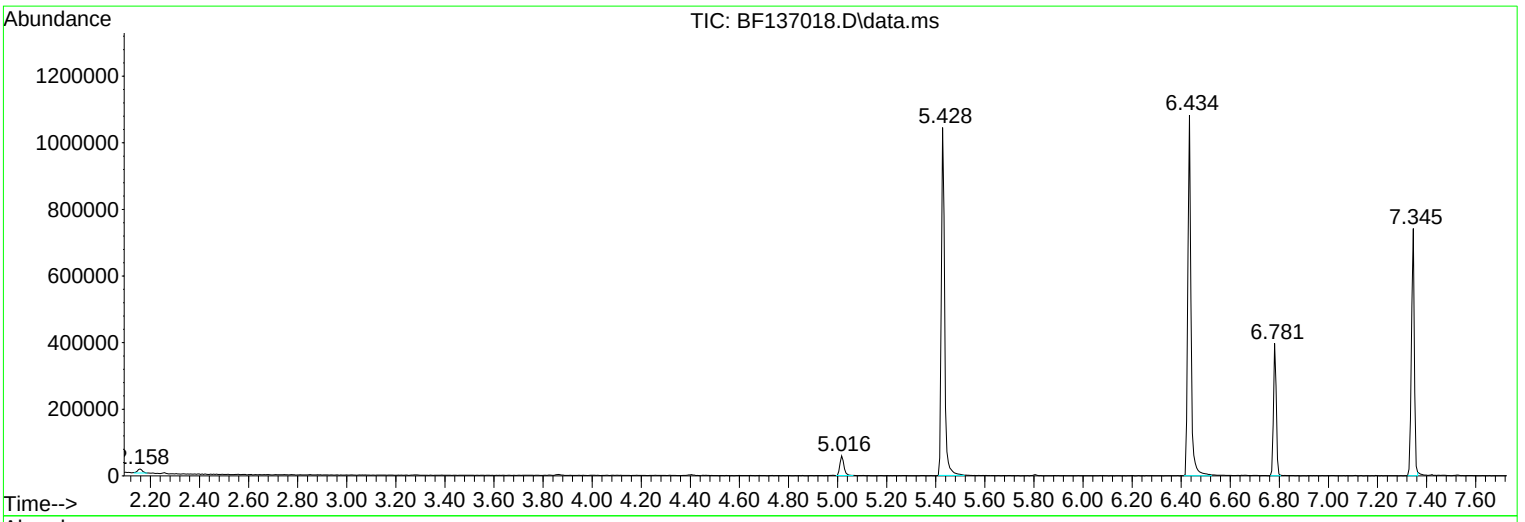
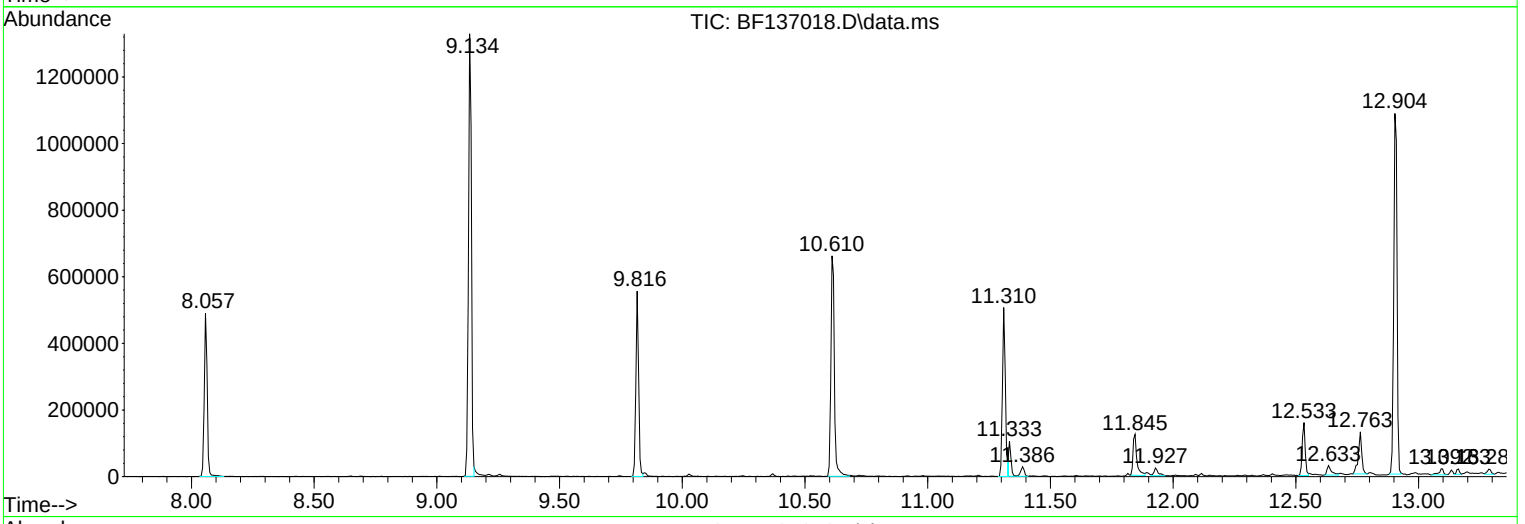
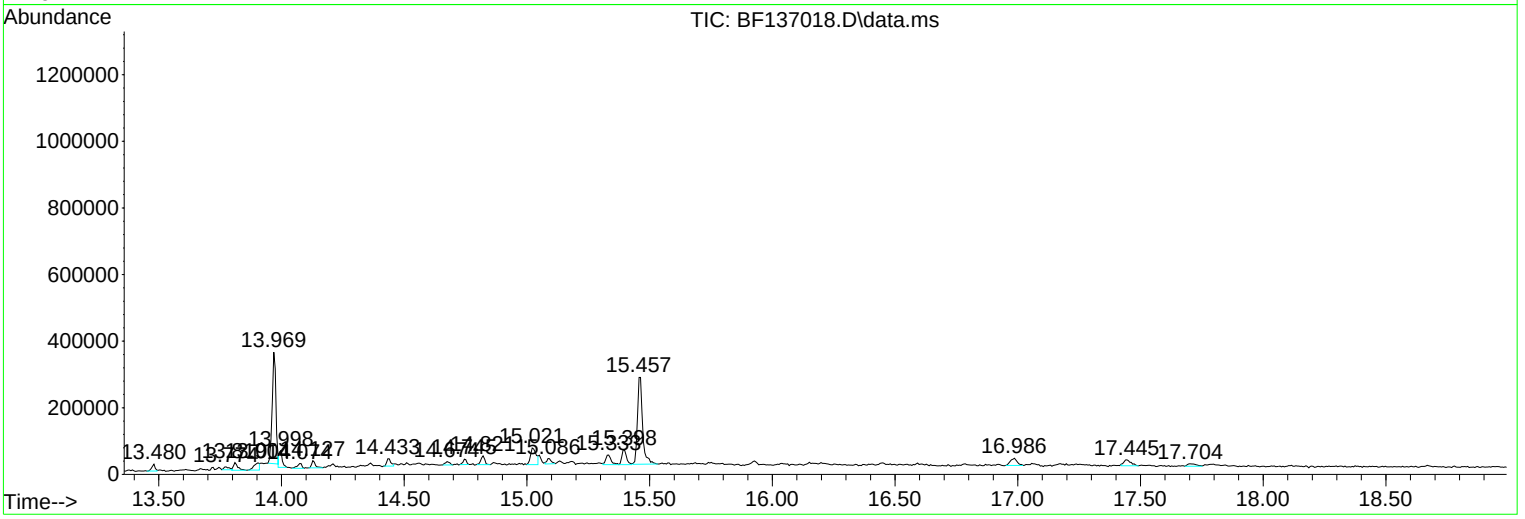
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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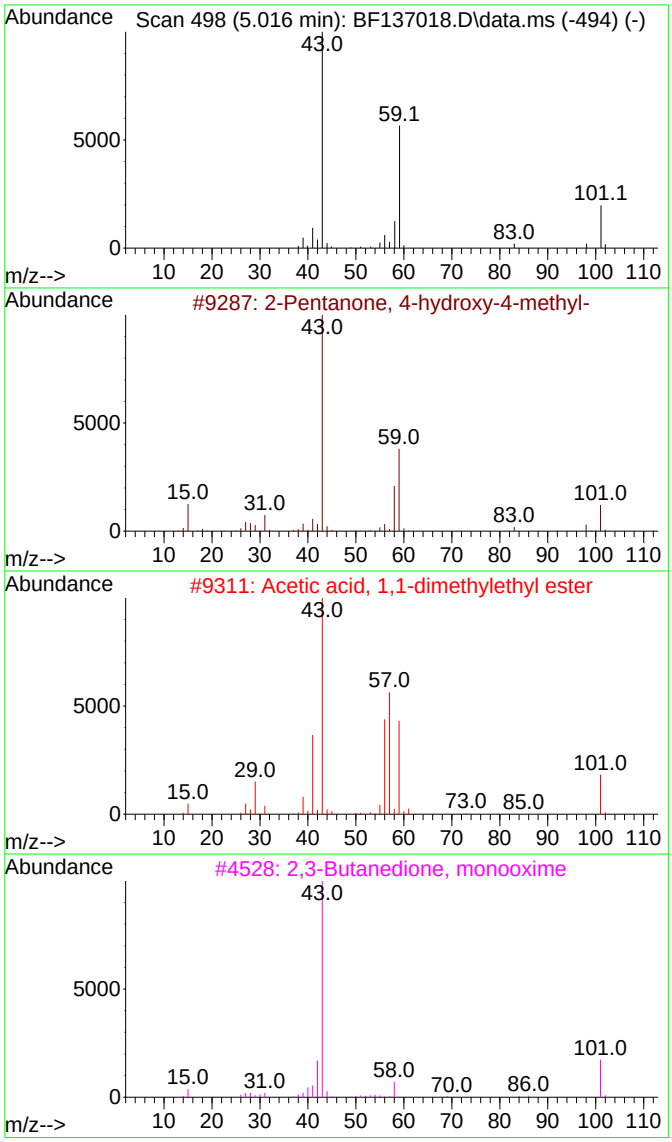
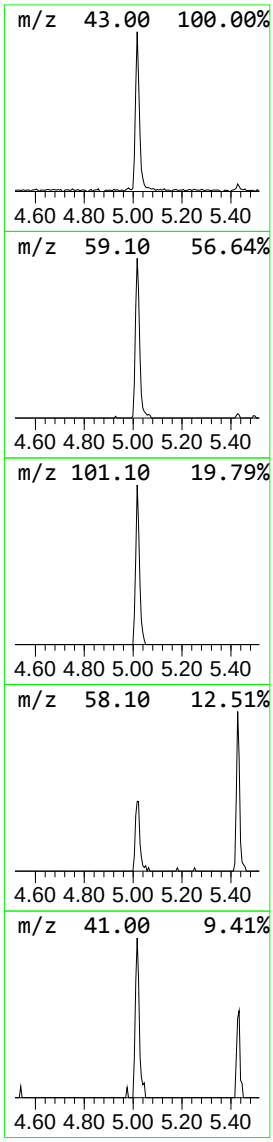
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	4.32 ng	67659	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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

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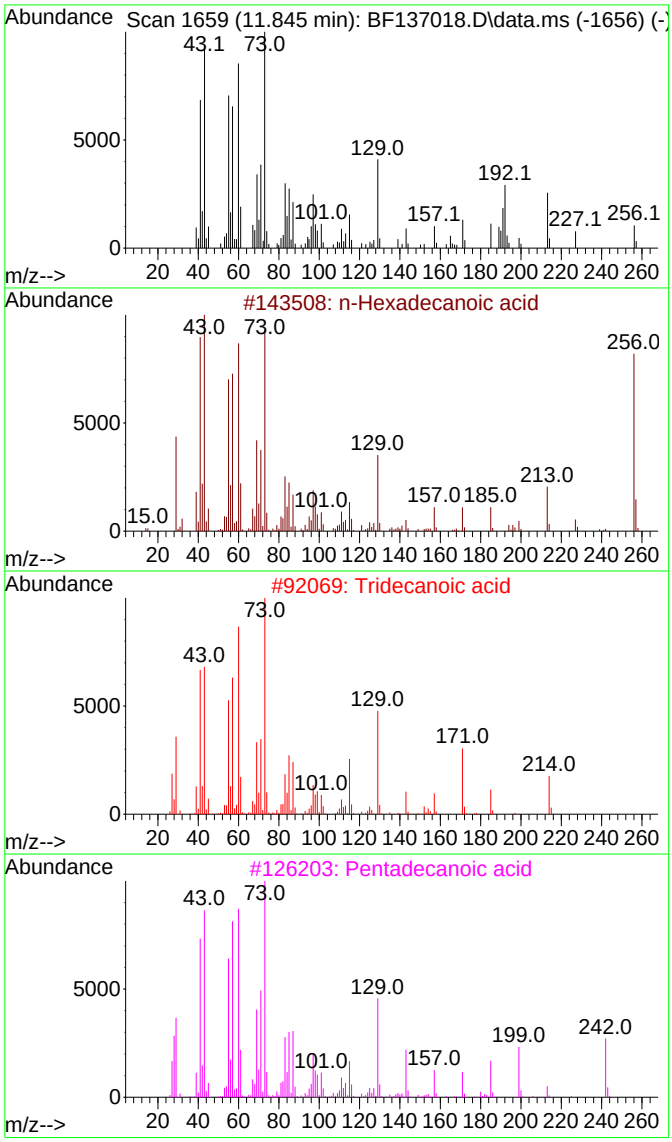
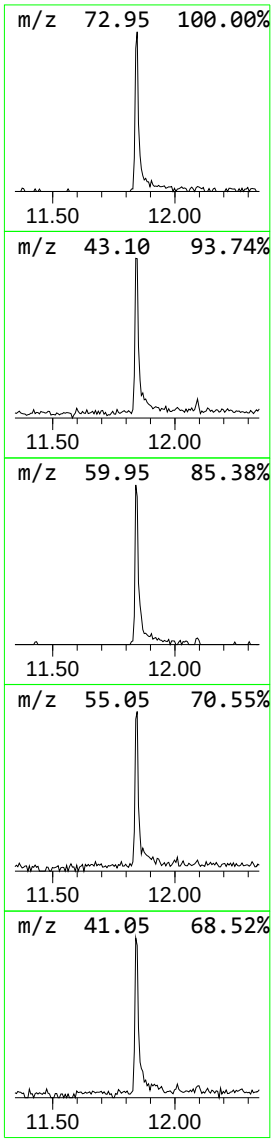
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.20 ng	132949	Phenanthrene-d10	11.310

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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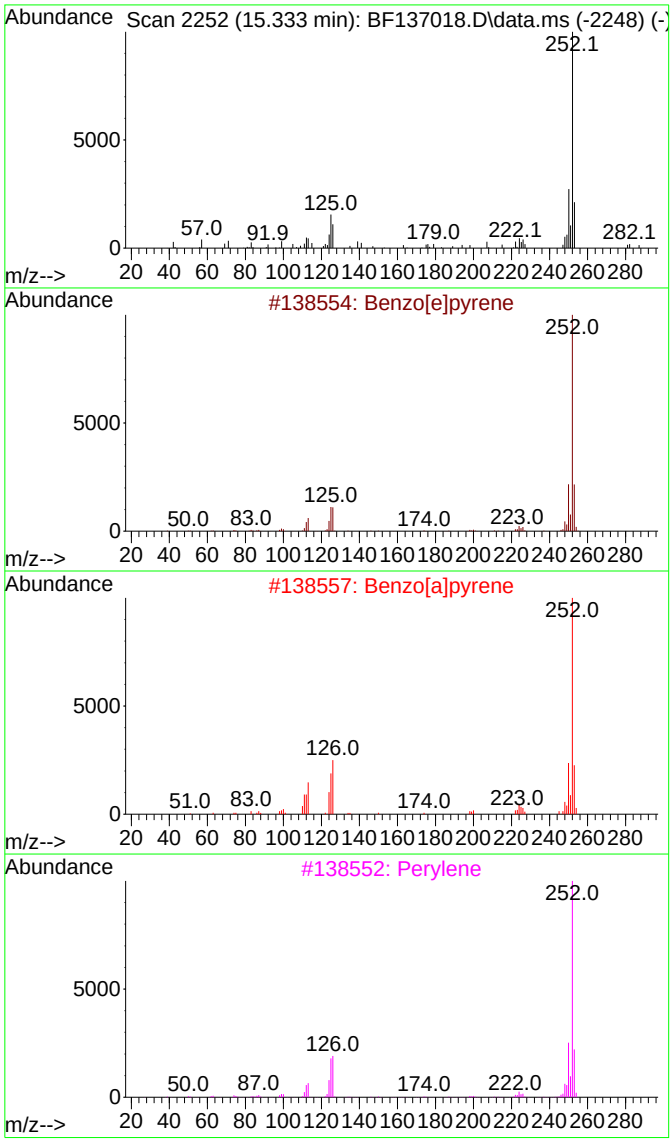
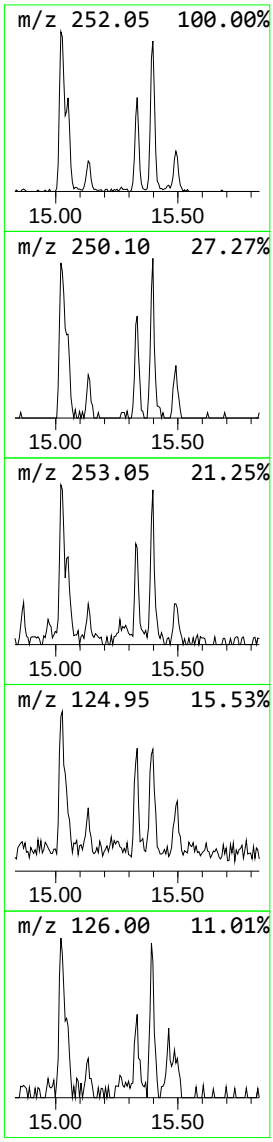
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	2.30 ng	43343	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	83





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	4.3	ng	67659	1	6.781	313527	20.0
n-Hexadecanoic ...	11.845	6.2	ng	132949	4	11.310	428967	20.0
Benzo[e]pyrene	15.333	2.3	ng	43343	6	15.463	377696	20.0