LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122871.D
Acq On : 29 Dec 2020 19:14
Operator : JU/CG
Sample : L5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 124021

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	324824	407230	6.98%	1.367%
2	5.446	567	571	590	rBV	2541241	2479319	42.52%	8.324%
3	6.457	738	743	764	rBV	2330722	2587617	44.38%	8.687%
4	6.816	801	804	813	rBV	980161	863463	14.81%	2.899%
5	7.381	896	900	911	rBV	1612650	1645010	28.21%	5.523%
6	8.104	1018	1023	1039	rBV	1237965	1141988	19.59%	3.834%
7	9.181	1200	1206	1217	rBV	2669033	2686222	46.07%	9.018%
8	9.575	1269	1273	1281	rVB	133965	142020	2.44%	0.477%
9	9.857	1316	1321	1336	rBV	1492181	1331289	22.83%	4.469%
10	10.186	1372	1377	1386	rBV	242766	247535	4.25%	0.831%
11	10.645	1451	1455	1467	rBV	1893671	2039069	34.97%	6.846%
12	11.163	1538	1543	1564	rBV	4541904	5830818	100.00%	19.575%
13	11.345	1570	1574	1577	rBV	1441857	1321309	22.66%	4.436%
14	11.369	1577	1578	1582	rVB	249288	157036	2.69%	0.527%
15	11.875	1661	1664	1671	rVB2	248193	251412	4.31%	0.844%
16	12.557	1777	1780	1786	rBV	342482	306070	5.25%	1.028%
17	12.786	1814	1819	1824	rBV	288389	284658	4.88%	0.956%
18	12.927	1837	1843	1847	rBV	2831174	2922256	50.12%	9.811%
19	13.863	1995	2002	2015	rBV5	123328	410667	7.04%	1.379%
20	13.986	2015	2023	2026	rBV	1117299	1181308	20.26%	3.966%
21	15.021	2195	2199	2203	rBV	107001	175377	3.01%	0.589%
22	15.321	2247	2250	2257	rVB	64606	80427	1.38%	0.270%
23	15.386	2257	2261	2266	rBV	84499	107285	1.84%	0.360%
24	15.451	2266	2272	2285	rVB	697437	1005373	17.24%	3.375%
25	16.498	2446	2450	2459	rVB	60661	97763	1.68%	0.328%
26	16.904	2514	2519	2525	rBV2	40292	83799	1.44%	0.281%

Sum of corrected areas: 29786320

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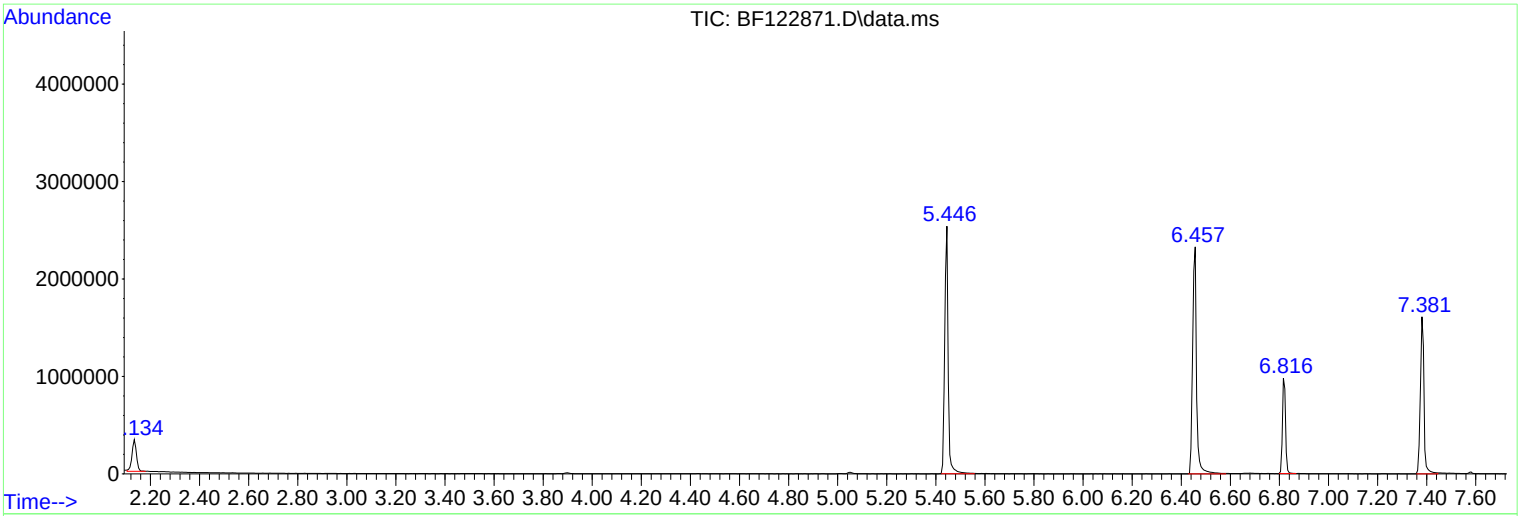
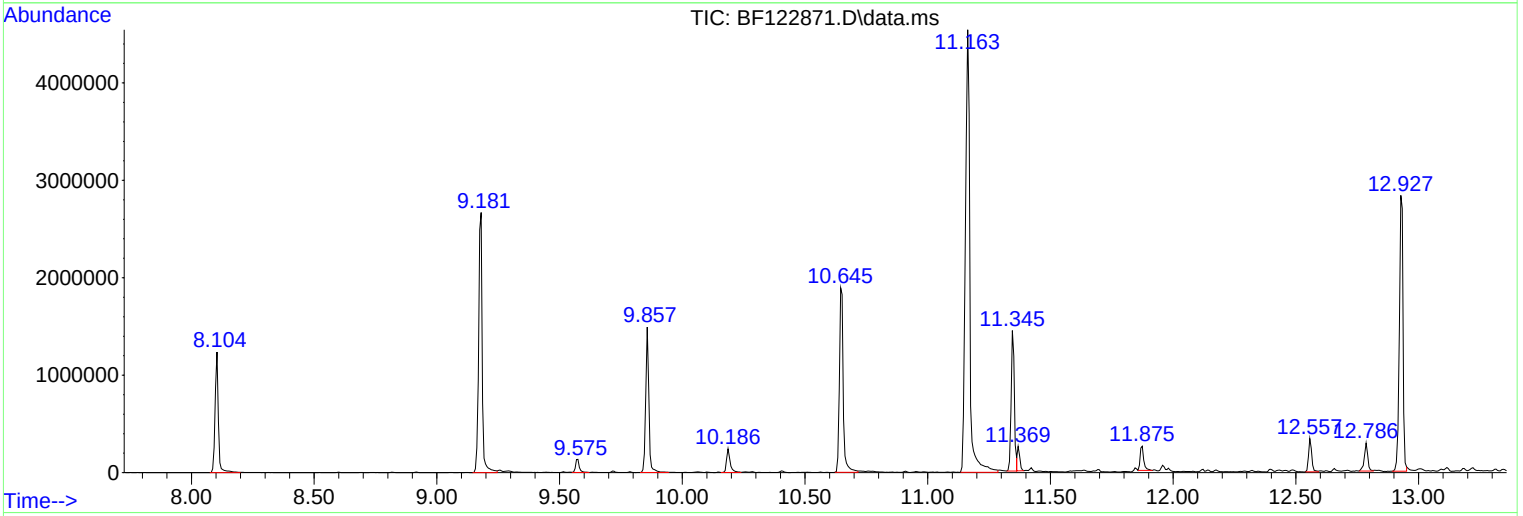
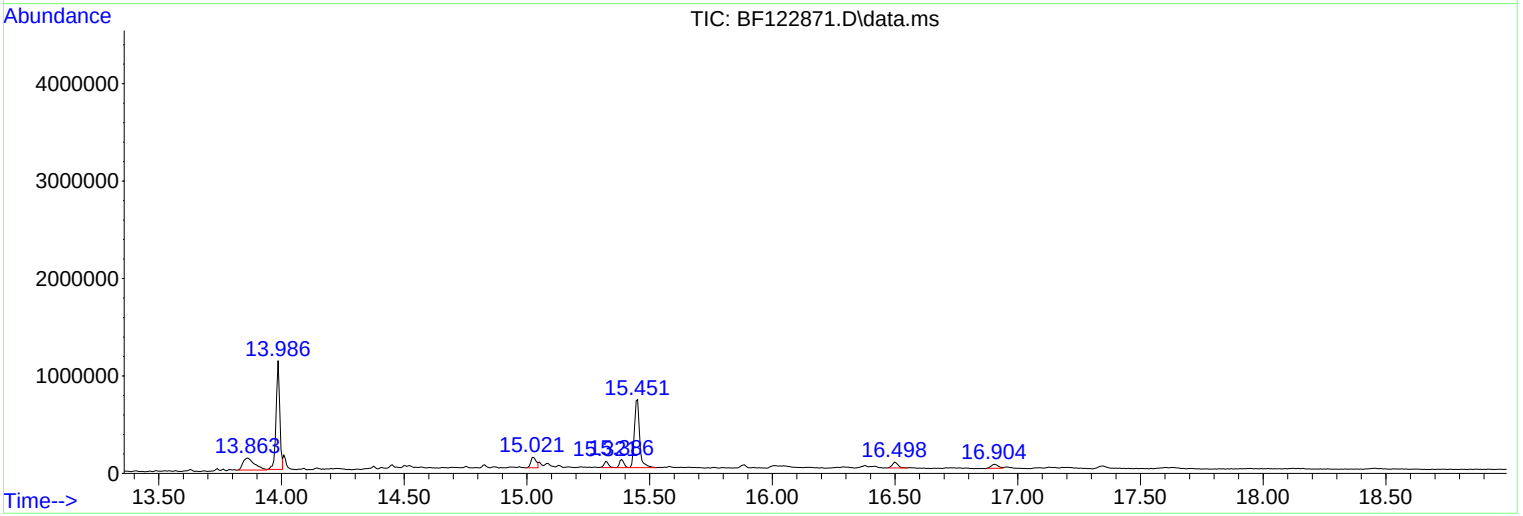
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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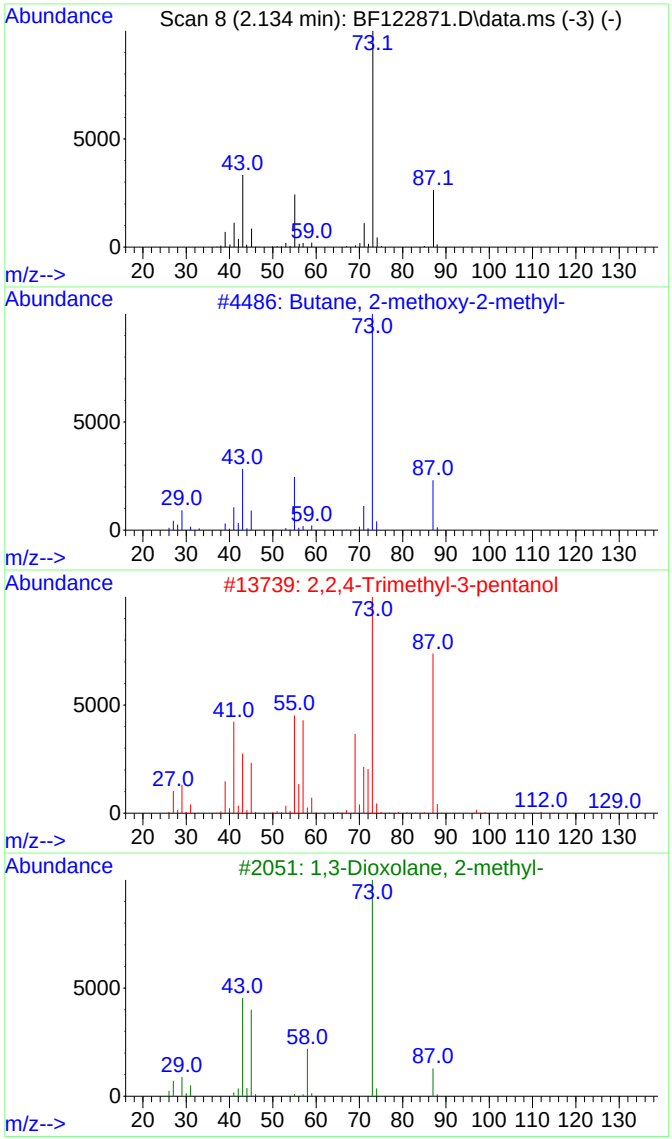
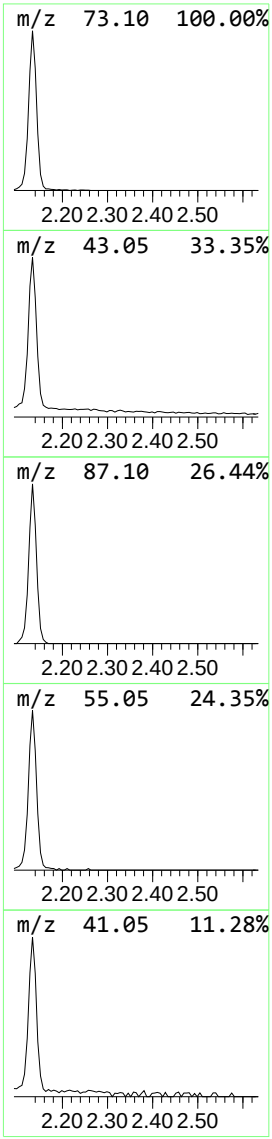
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	9.43 ng	407230	1,4-Dichlorobenzene-d4	6.816

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





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BNA_F
ClientSampleId :
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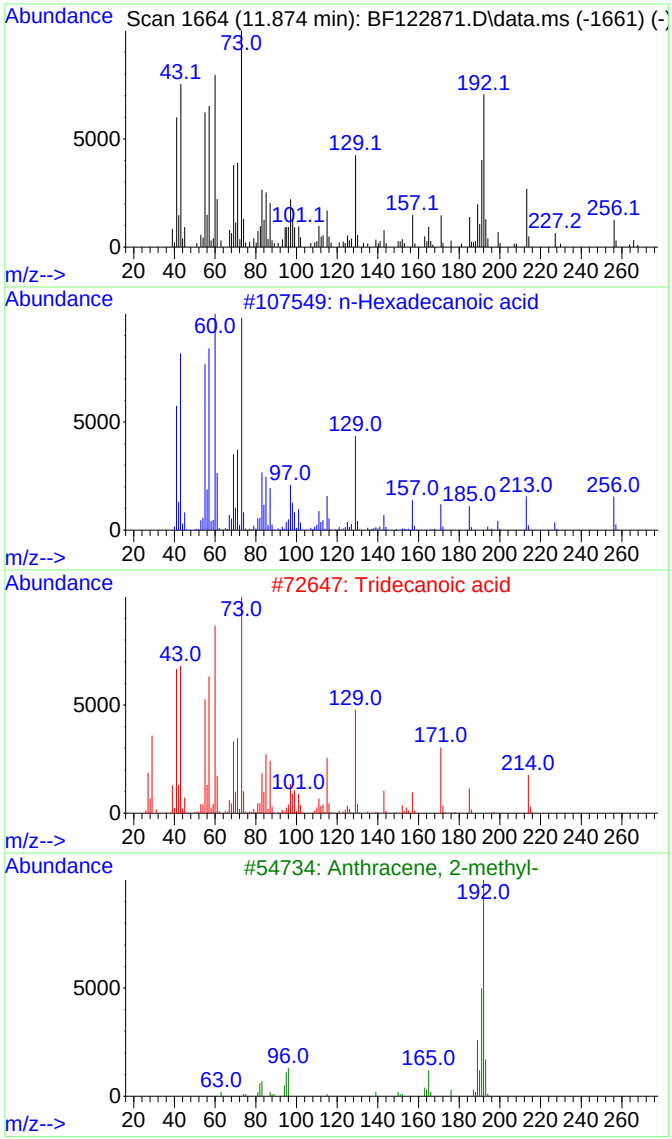
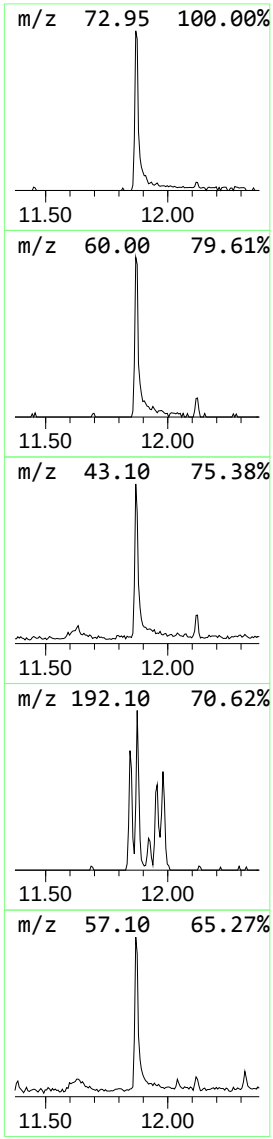
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	3.81 ng	251412	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59





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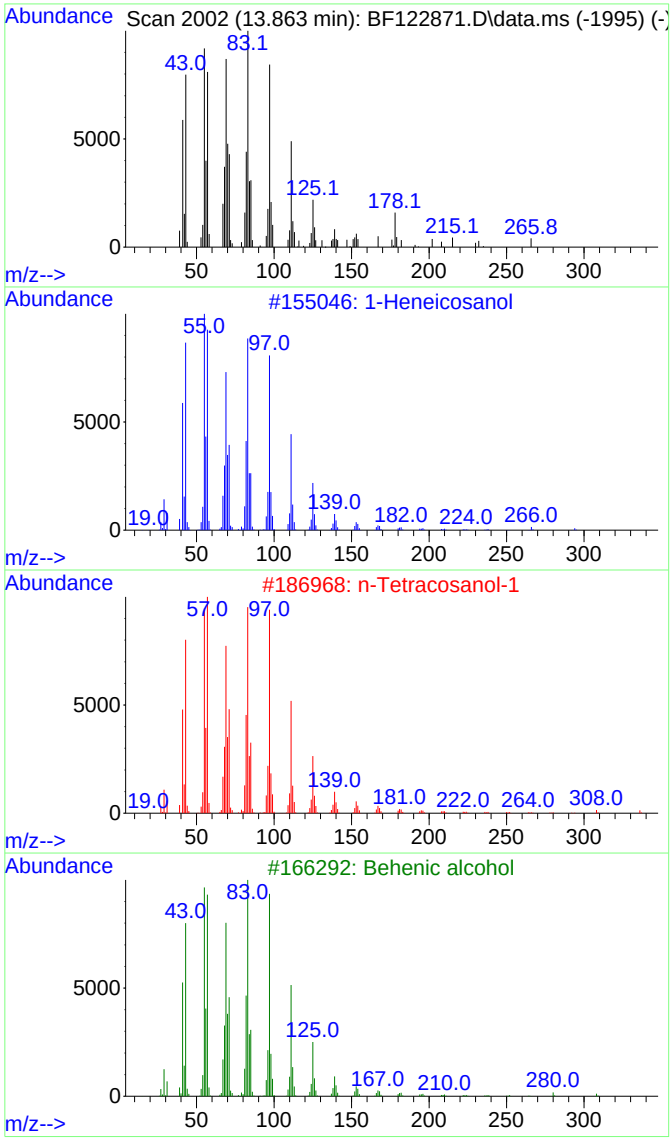
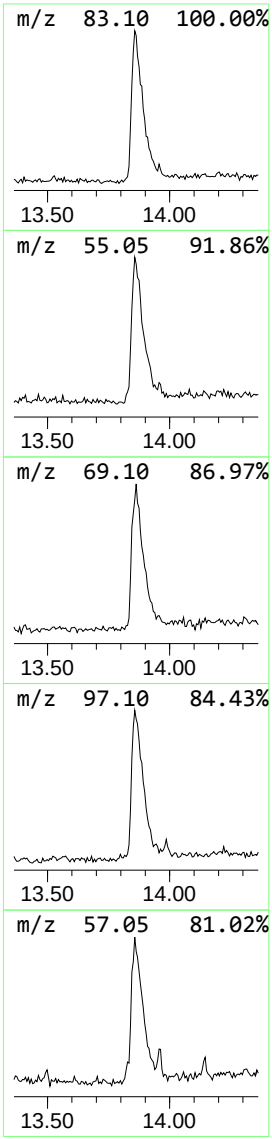
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	6.95 ng	410667	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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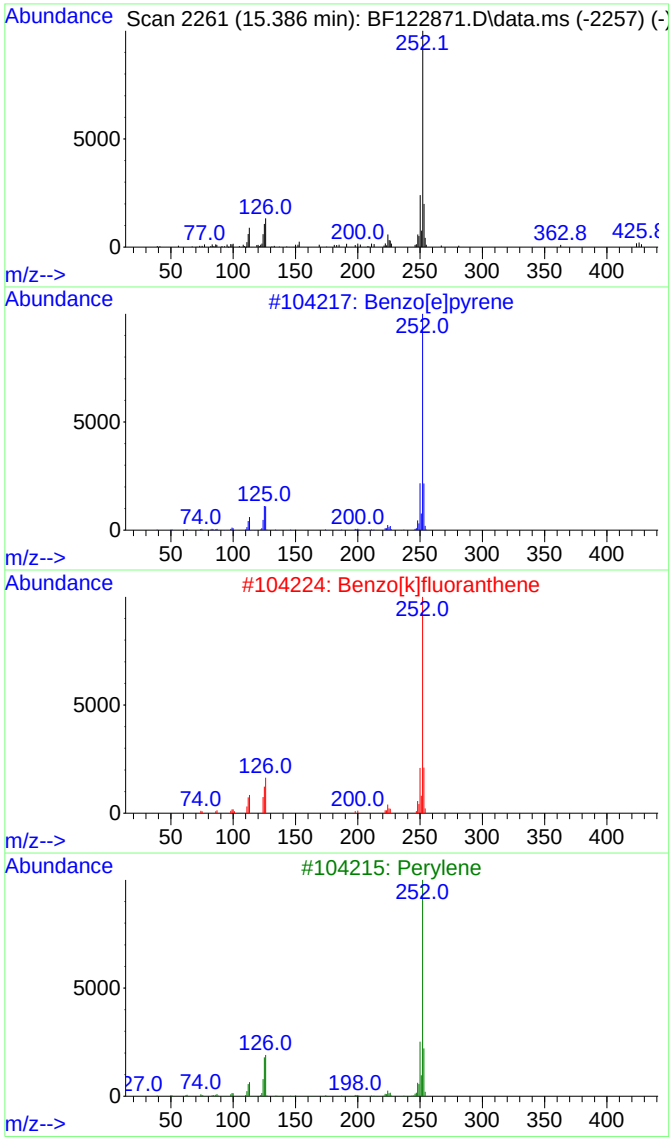
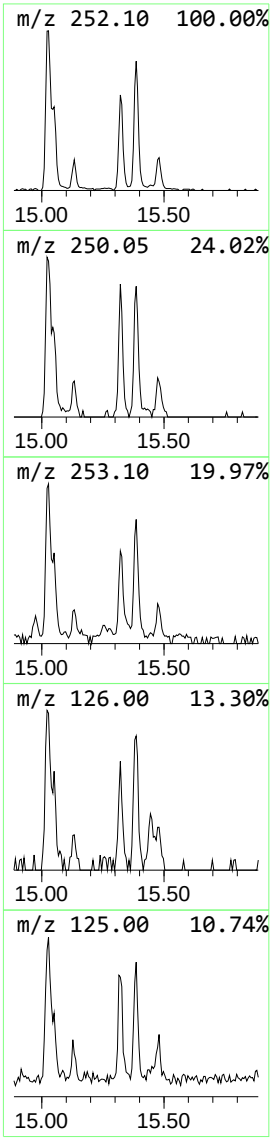
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	2.13 ng	107285	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	9.4	ng	407230	1	6.816	863463	20.0
n-Hexadecanoic ...	11.874	3.8	ng	251412	4	11.345	1321310	20.0
1-Heneicosanol	13.863	7.0	ng	410667	5	13.986	1181310	20.0
Benzo[e]pyrene	15.386	2.1	ng	107285	6	15.451	1005370	20.0