LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	462	466	475	rVB	195995	246601	10.83%	1.336%
2	5.251	533	538	541	rBV	2372268	2103618	92.41%	11.397%
3	6.287	709	714	717	rBV	2265601	2118164	93.05%	11.476%
4	6.469	742	745	752	rVB2	21765	32901	1.45%	0.178%
5	6.645	771	775	778	rBV	729592	630703	27.71%	3.417%
6	7.210	866	871	874	rBV	1562609	1365593	59.99%	7.399%
7	7.922	988	992	995	rBV	878153	810577	35.61%	4.392%
8	8.545	1096	1098	1102	rVB2	43268	35448	1.56%	0.192%
9	9.004	1171	1176	1179	rBV	2817012	2276349	100.00%	12.333%
10	9.086	1185	1190	1194	rBV3	30631	40514	1.78%	0.220%
11	9.534	1263	1266	1271	rBV2	23415	28440	1.25%	0.154%
12	9.675	1283	1290	1293	rBV	1037702	832630	36.58%	4.511%
13	9.704	1293	1295	1299	rVB	82133	69575	3.06%	0.377%
14	9.875	1321	1324	1330	rVB	38049	41106	1.81%	0.223%
15	10.216	1379	1382	1385	rBV	57770	60103	2.64%	0.326%
16	10.333	1399	1402	1407	rVB3	26045	27060	1.19%	0.147%
17	10.463	1419	1424	1427	rBV	1453524	1299528	57.09%	7.041%
18	10.586	1442	1445	1446	rBV3	39249	42422	1.86%	0.230%
19	10.763	1472	1475	1478	rBV4	26184	28333	1.24%	0.154%
20	11.028	1517	1520	1522	rBV	67609	51145	2.25%	0.277%
21	11.057	1522	1525	1528	rVB2	33521	41313	1.81%	0.224%
22	11.151	1538	1541	1544	rBV	729448	698812	30.70%	3.786%
23	11.175	1544	1545	1549	rVV	347866	252870	11.11%	1.370%
24	11.228	1551	1554	1557	rVB	101118	87430	3.84%	0.474%
25	11.386	1579	1581	1584	rBV	29281	29382	1.29%	0.159%
26	11.557	1608	1610	1616	rVB2	33188	34284	1.51%	0.186%
27	11.651	1623	1626	1629	rBV	38718	41069	1.80%	0.223%
28	11.686	1629	1632	1636	rVB2	59802	76758	3.37%	0.416%
29	11.763	1642	1645	1648	rBV	72911	74546	3.27%	0.404%
30	12.204	1717	1720	1722	rBV2	32064	32997	1.45%	0.179%
31	12.286	1731	1734	1738	rBV4	26553	34640	1.52%	0.188%
32	12.363	1743	1747	1750	rBV	435533	398829	17.52%	2.161%
33	12.586	1780	1785	1788	rBV	417692	397362	17.46%	2.153%
34	12.739	1807	1811	1814	rBV	1950820	1613972	70.90%	8.744%
35	12.916	1839	1841	1845	rVB	68072	58473	2.57%	0.317%
36	12.980	1849	1852	1855	rBV2	56522	50973	2.24%	0.276%

LSC Area Percent Report

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Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.016	1855	1858	1861	rBV	51752	58149	2.55%	0.315%
38	13.780	1984	1988	1991	rBV2	718039	809066	35.54%	4.383%
39	13.810	1991	1993	1995	rVB	167807	129166	5.67%	0.700%
40	13.886	2003	2006	2009	rVB	97647	88491	3.89%	0.479%
41	14.421	2095	2097	2100	rVB2	44803	40340	1.77%	0.219%
42	14.780	2155	2158	2161	rBV	172305	232612	10.22%	1.260%
43	15.057	2202	2205	2211	rVB	109593	141410	6.21%	0.766%
44	15.116	2211	2215	2220	rBV	145928	185233	8.14%	1.004%
45	15.174	2221	2225	2228	rBV	511881	596543	26.21%	3.232%
46	16.486	2444	2448	2455	rVB2	62865	111616	4.90%	0.605%

Sum of corrected areas: 18457146

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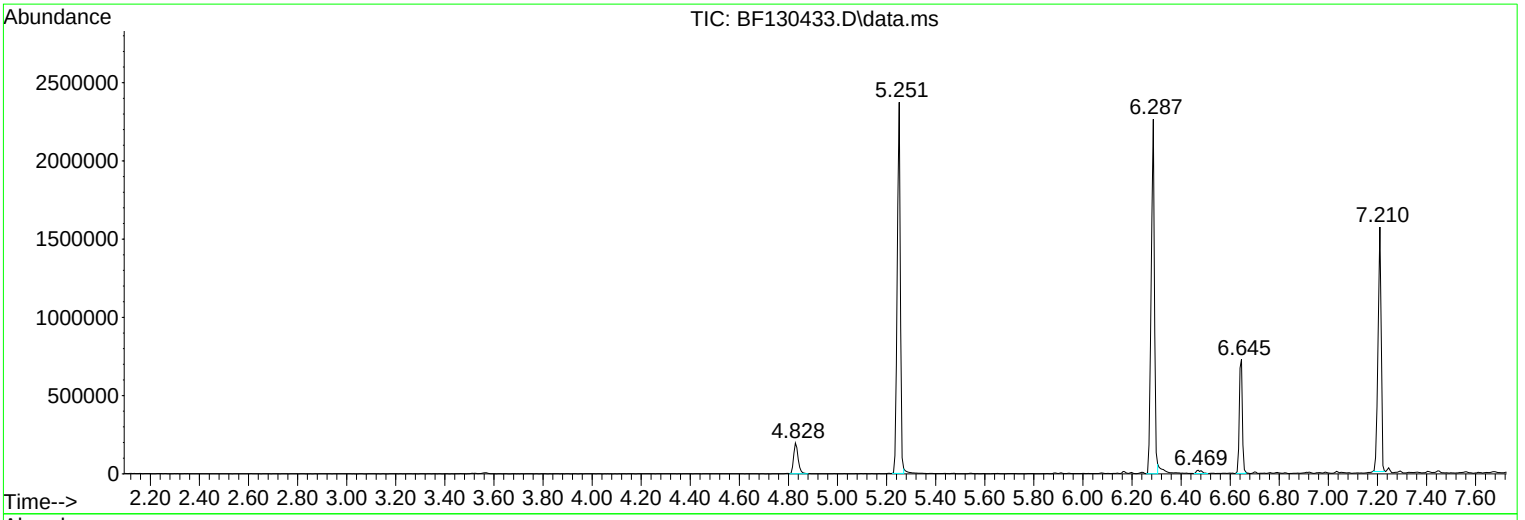
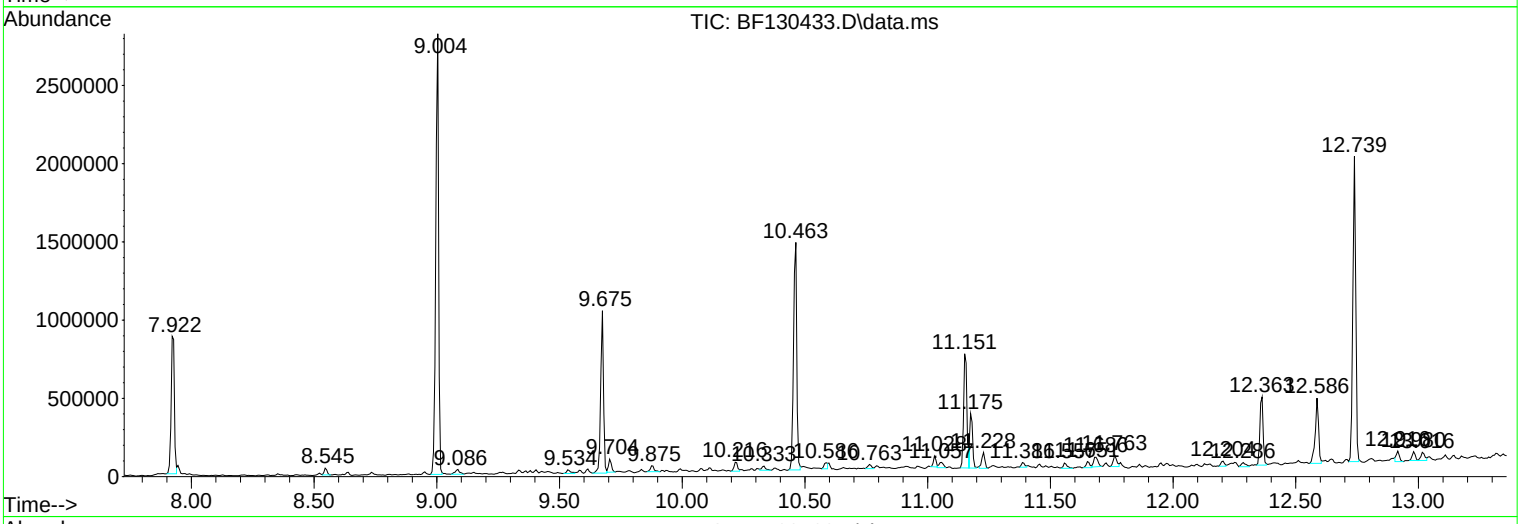
Misc :
ALS Vial : 14 Sample Multiplier: 1

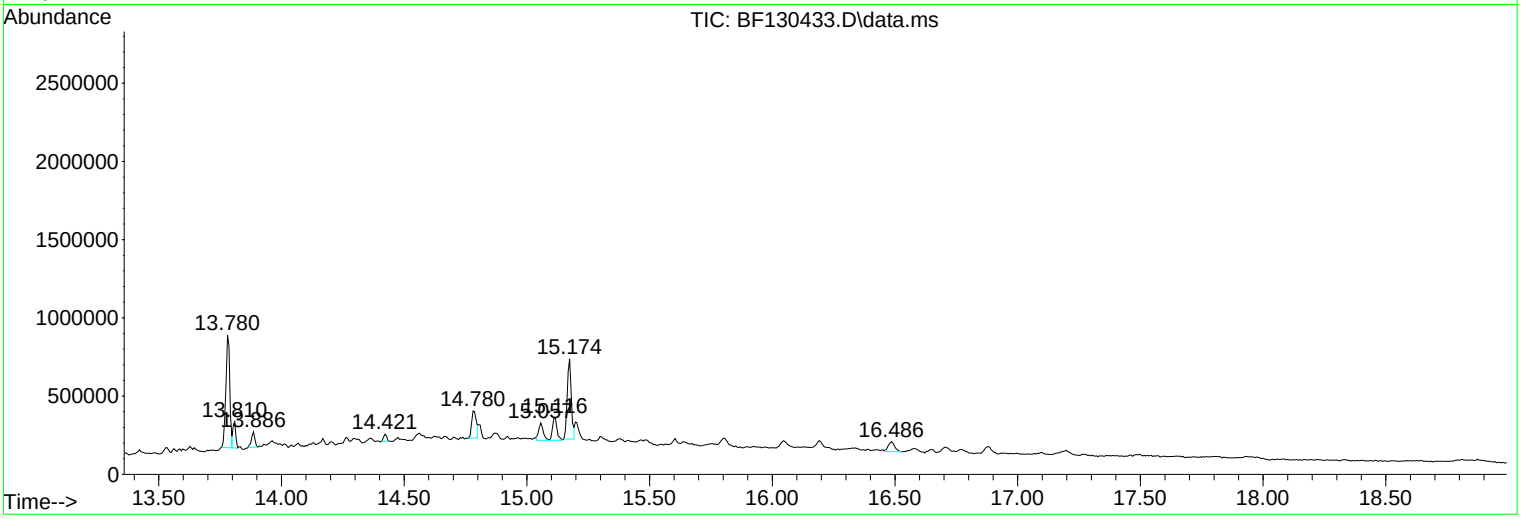
Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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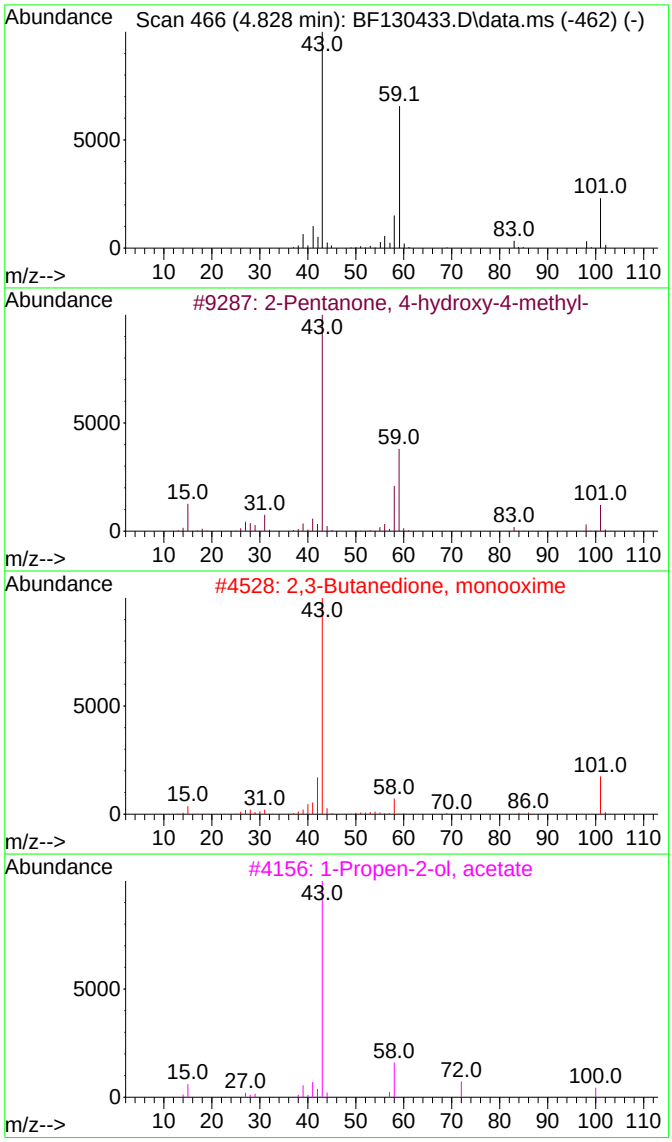
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

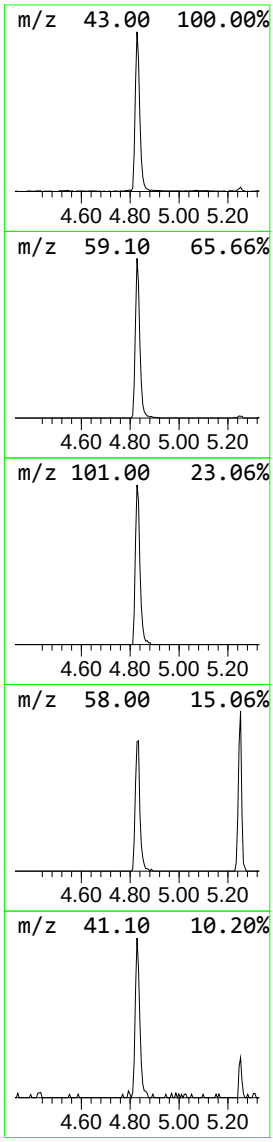
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.828	7.82 ng	246601	1,4-Dichlorobenzene-d4	6.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

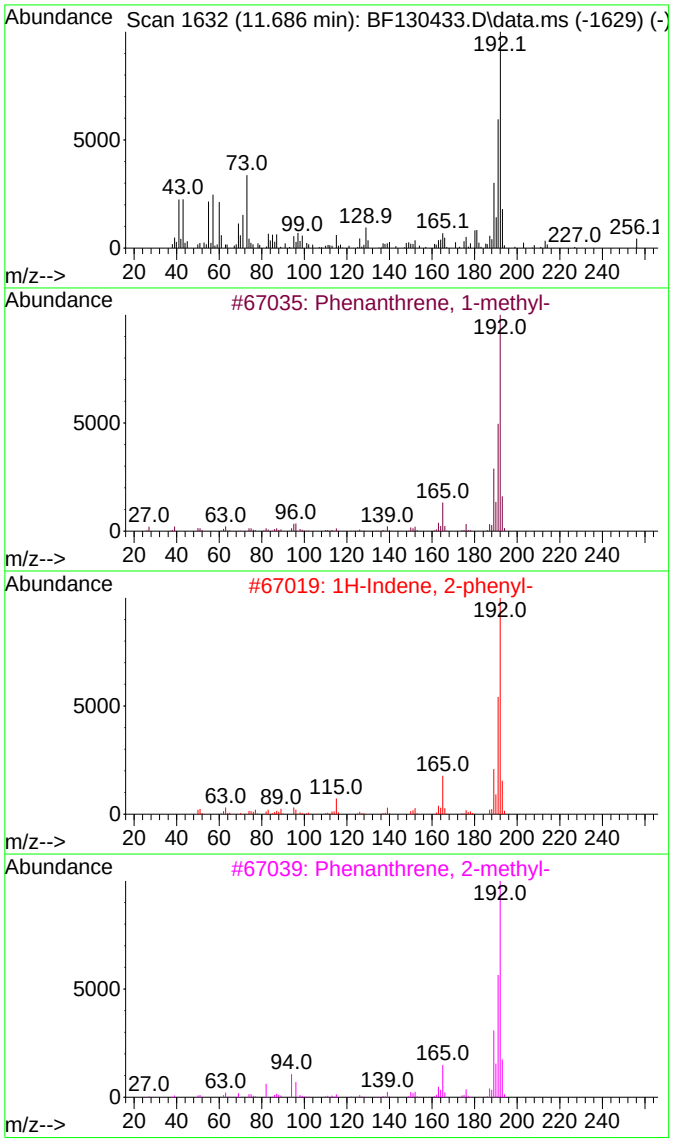
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

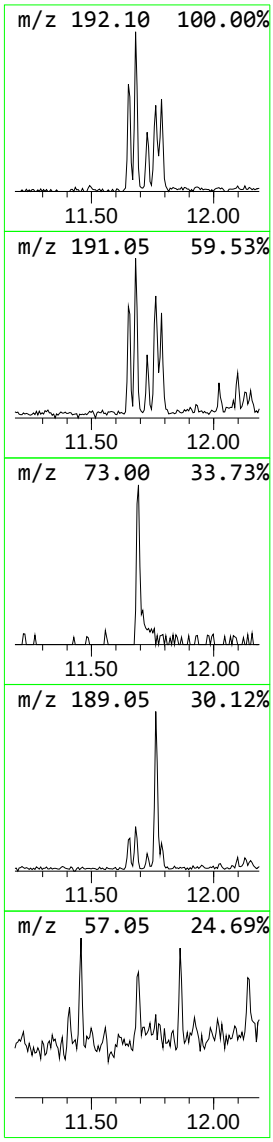
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	2.20 ng	76758	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

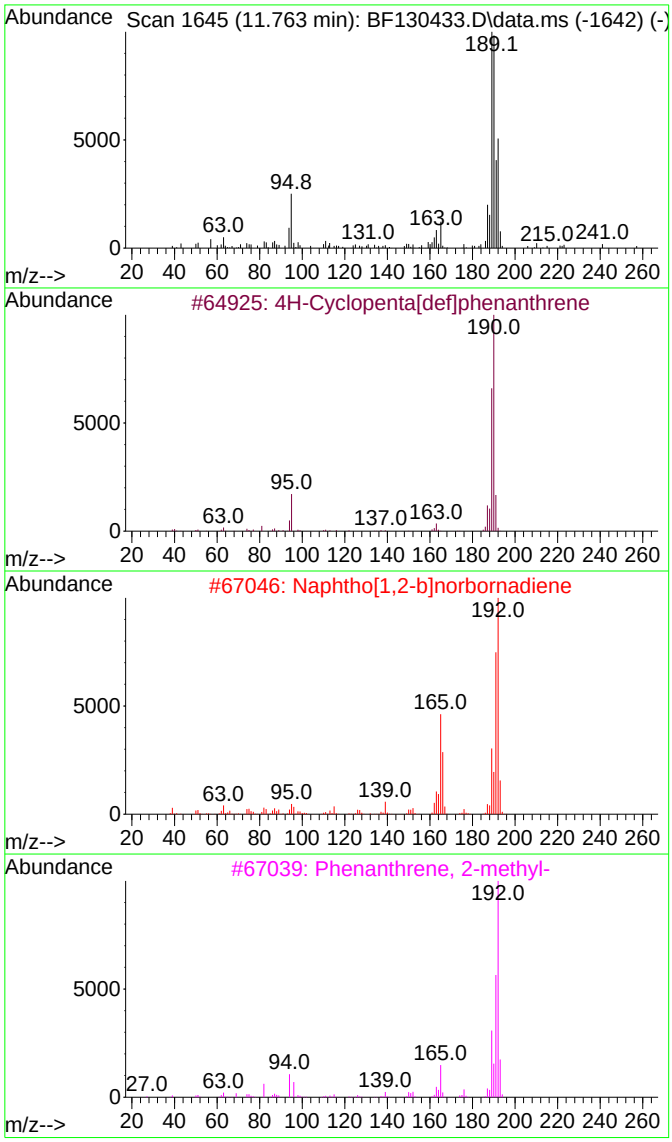
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

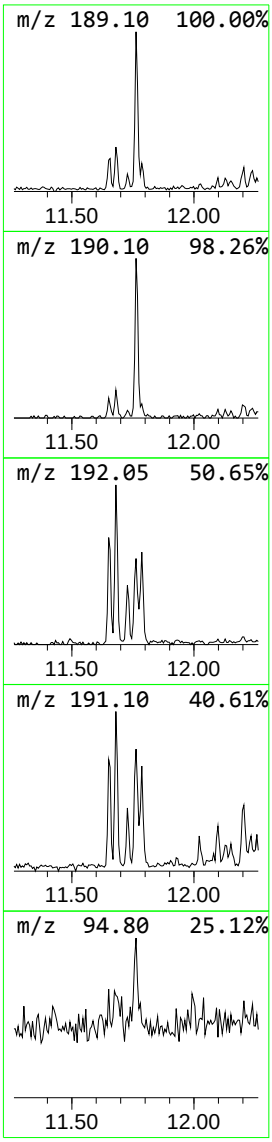
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	2.13 ng	74546	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	22
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

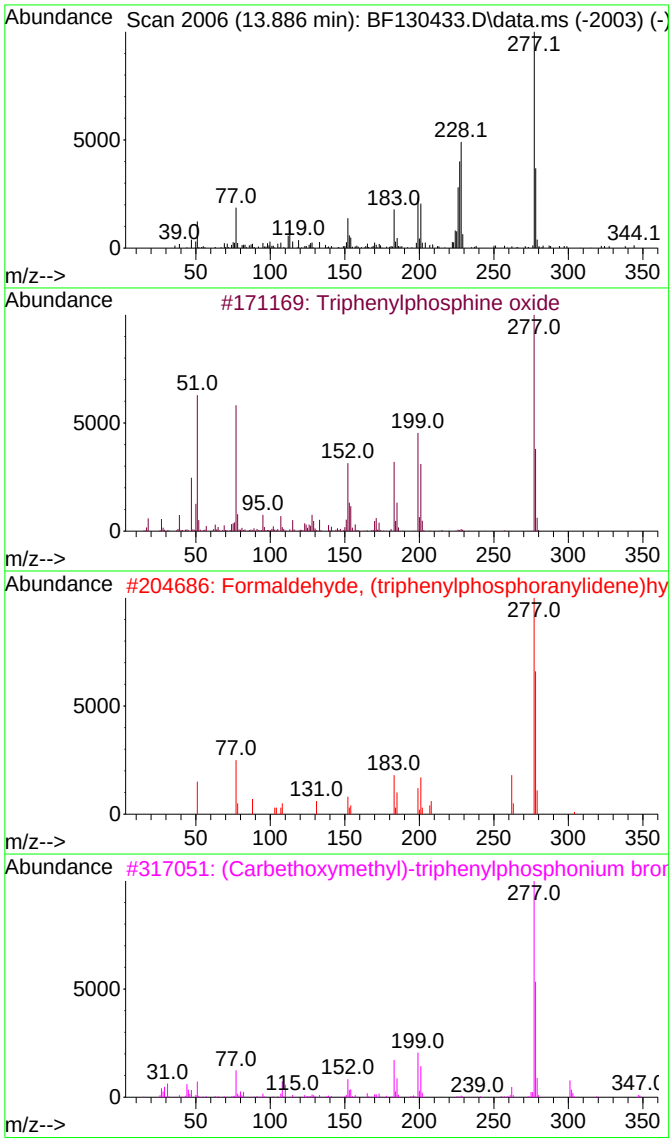
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

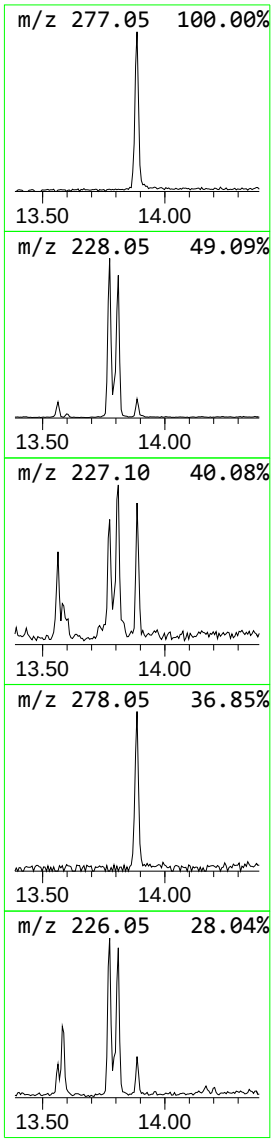
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.19 ng	88491	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	70
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	27
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	25
4	Butylaldehyde, 4-benzyloxy-4-[2,...	278	C16H22O4	149180-87-0	16
5	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	14





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Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

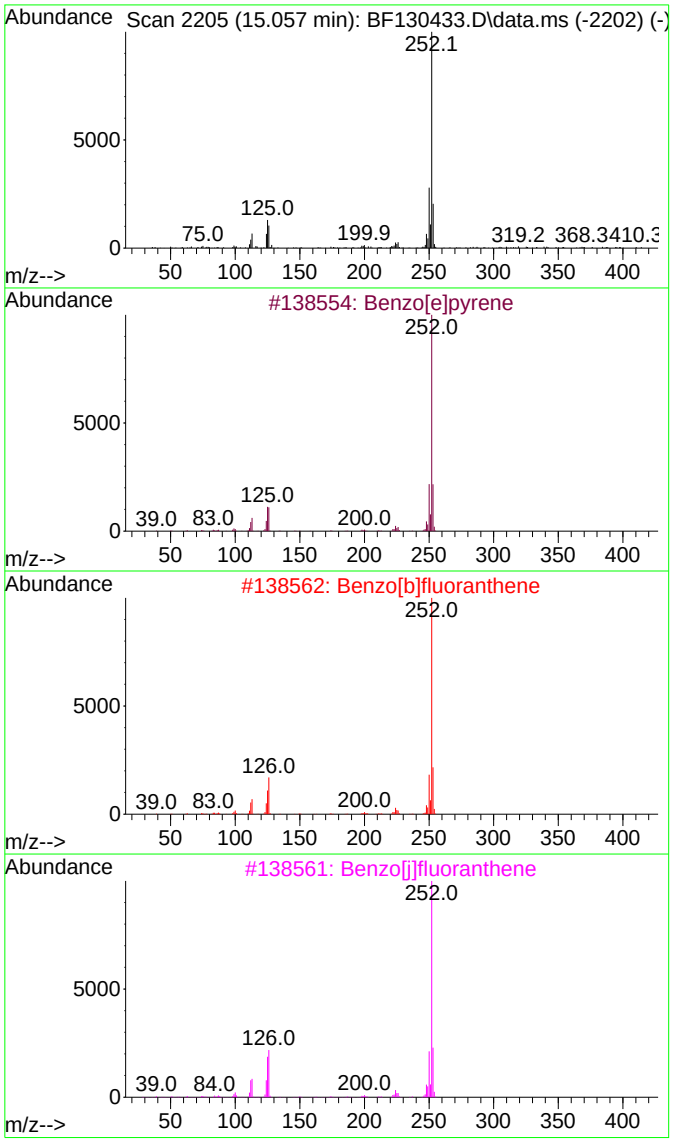
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

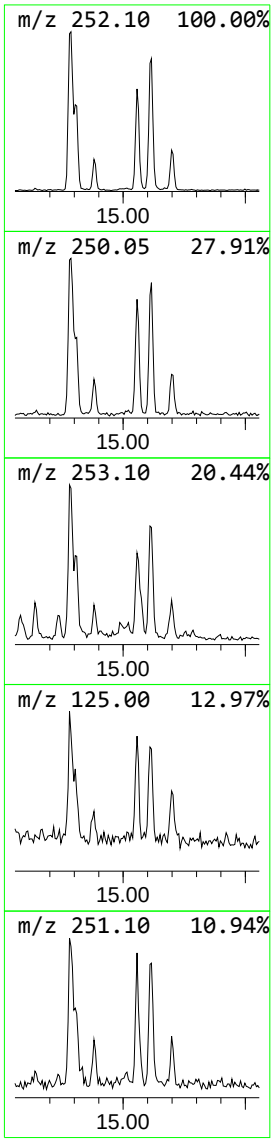
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	4.74 ng	141410	Perylene-d12	15.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130433.D
Acq On : 27 Sep 2022 19:47
Operator : CG\JU
Sample : N4812-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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
2-Pentanone, 4-...	4.828	7.8	ng	246601	1	6.645	630703	20.0
Phenanthrene, 1...	11.686	2.2	ng	76758	4	11.151	698812	20.0
4H-Cyclopenta[d...	11.763	2.1	ng	74546	4	11.151	698812	20.0
Triphenylphosph...	13.886	2.2	ng	88491	5	13.786	809066	20.0
Benzo[e]pyrene	15.057	4.7	ng	141410	6	15.174	596543	20.0