LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129178.D
Acq On : 08 Jul 2022 16:40
Operator : CG\JU
Sample : N3622-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.569	550	558	561	rBV	5462932	5596611	91.68%	11.490%
2	6.569	722	728	731	rBV	5399327	5508972	90.24%	11.310%
3	6.769	759	762	766	rBV	84307	73944	1.21%	0.152%
4	6.945	788	792	795	rBV	2053408	1597783	26.17%	3.280%
5	7.340	853	859	863	rBV2	64195	97605	1.60%	0.200%
6	7.510	883	888	891	rBV	3505457	3430948	56.20%	7.044%
7	8.228	1006	1010	1013	rBV	2576984	2131603	34.92%	4.376%
8	8.251	1013	1014	1016	rVB	190434	87143	1.43%	0.179%
9	9.304	1188	1193	1196	rBV	7302502	6104467	100.00%	12.532%
10	9.557	1233	1236	1242	rBV3	68825	91378	1.50%	0.188%
11	9.692	1257	1259	1263	rVB4	87291	69938	1.15%	0.144%
12	9.986	1303	1309	1312	rBV	2567252	2298302	37.65%	4.718%
13	10.022	1312	1315	1318	rVB	148015	120302	1.97%	0.247%
14	10.192	1341	1344	1347	rVB2	93803	86960	1.42%	0.179%
15	10.392	1374	1378	1383	rVB5	78725	99450	1.63%	0.204%
16	10.534	1399	1402	1409	rVB	146458	148727	2.44%	0.305%
17	10.781	1440	1444	1447	rBV	4871061	4142444	67.86%	8.504%
18	10.892	1459	1463	1471	rVB4	111642	180958	2.96%	0.372%
19	11.357	1539	1542	1544	rBV2	73604	71406	1.17%	0.147%
20	11.480	1559	1563	1565	rBV	2612047	2181112	35.73%	4.478%
21	11.504	1565	1567	1571	rVV	1172254	896199	14.68%	1.840%
22	11.557	1571	1576	1578	rVB	216268	230095	3.77%	0.472%
23	11.710	1599	1602	1606	rBV	113906	95155	1.56%	0.195%
24	11.986	1646	1649	1651	rBV2	191916	244336	4.00%	0.502%
25	12.010	1651	1653	1656	rVB	186011	147806	2.42%	0.303%
26	12.098	1664	1668	1670	rBV2	219600	237942	3.90%	0.488%
27	12.533	1739	1742	1745	rBV	96958	97397	1.60%	0.200%
28	12.698	1767	1770	1773	rBV	1165596	930946	15.25%	1.911%
29	12.733	1774	1776	1779	rVB2	117487	102394	1.68%	0.210%
30	12.927	1803	1809	1815	rBV	1006568	1059423	17.35%	2.175%
31	13.069	1829	1833	1836	rBV	5371609	4492552	73.59%	9.223%
32	13.204	1853	1856	1859	rBV	330957	285457	4.68%	0.586%
33	13.257	1862	1865	1868	rVB	134038	130643	2.14%	0.268%
34	13.322	1874	1876	1879	rVB	97166	78390	1.28%	0.161%
35	13.363	1880	1883	1886	rVB2	84702	85389	1.40%	0.175%
36	14.127	2009	2013	2016	rBV2	1549978	1691366	27.71%	3.472%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.157	2016	2018	2024	rVB	360520	312344	5.12%	0.641%
38	14.221	2025	2029	2035	rBV	738468	768912	12.60%	1.579%
39	15.198	2191	2195	2198	rBV	272734	409485	6.71%	0.841%
40	15.516	2246	2249	2256	rVB	191564	256914	4.21%	0.527%
41	15.580	2257	2260	2267	rVB	237818	310058	5.08%	0.637%
42	15.651	2267	2272	2276	rBV	1223257	1551228	25.41%	3.185%
43	17.198	2531	2535	2541	rVB2	103372	175555	2.88%	0.360%

Sum of corrected areas: 48710039

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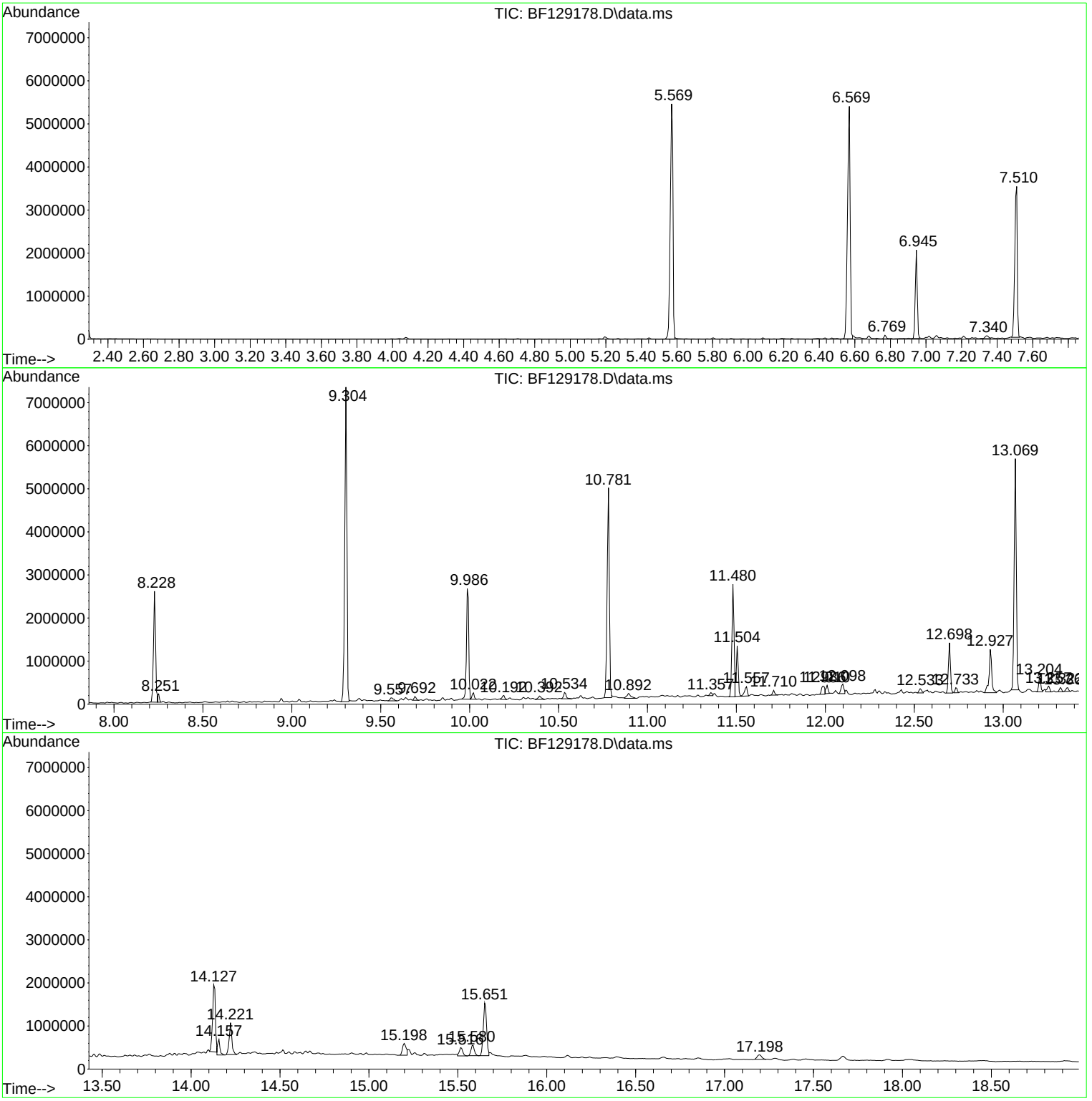
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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Data File : BF129178.D
Acq On : 08 Jul 2022 16:40
Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

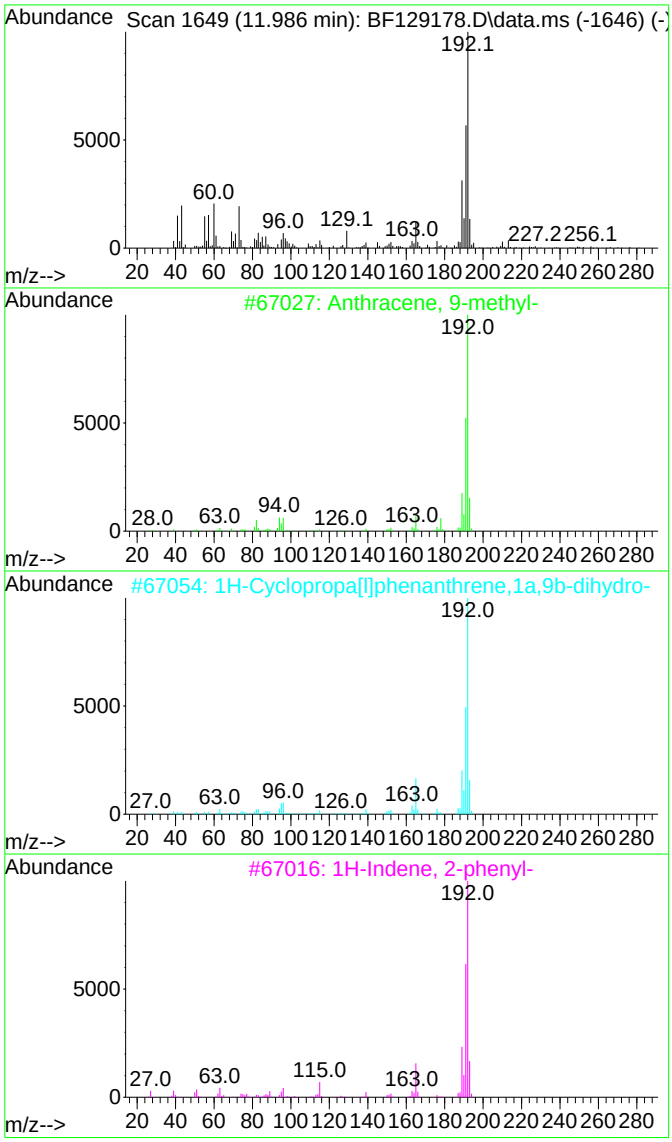
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

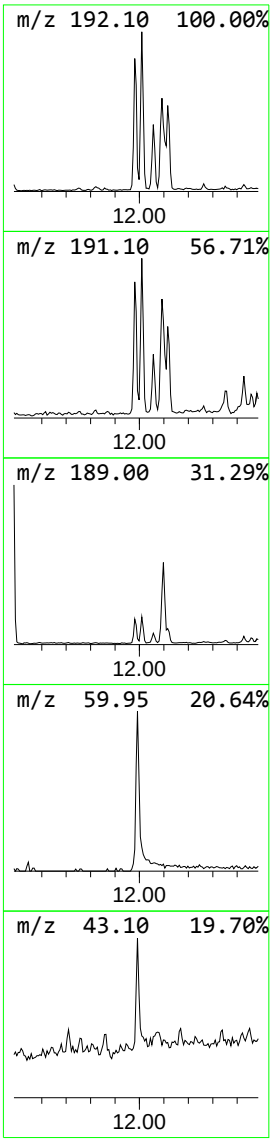
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.24 ng	244336	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Acq On : 08 Jul 2022 16:40
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Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

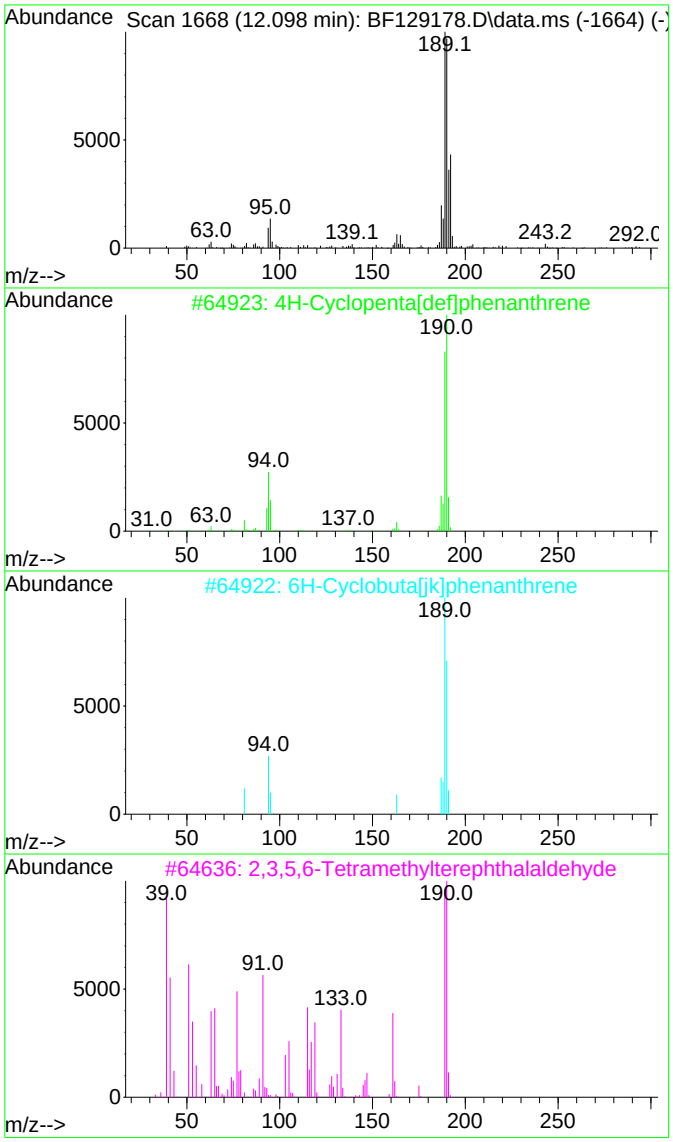
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

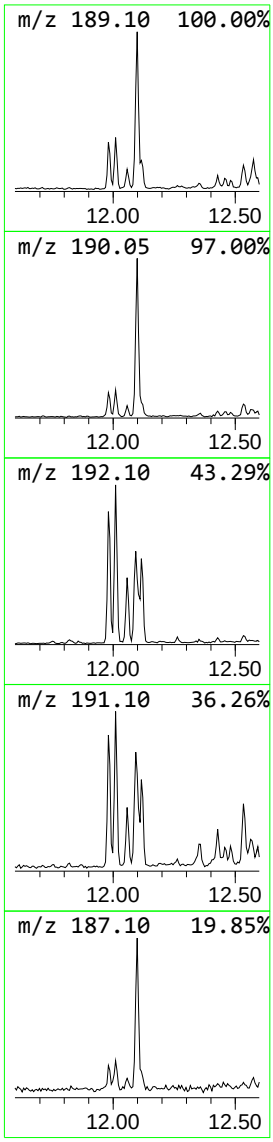
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	2.18 ng	237942	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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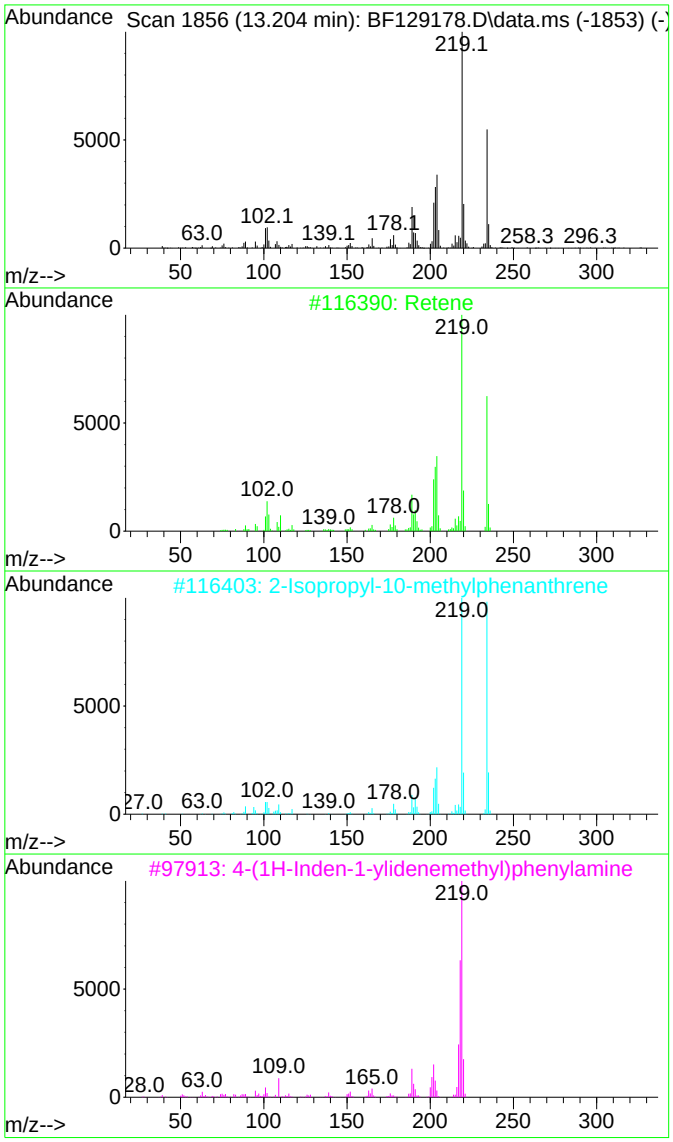
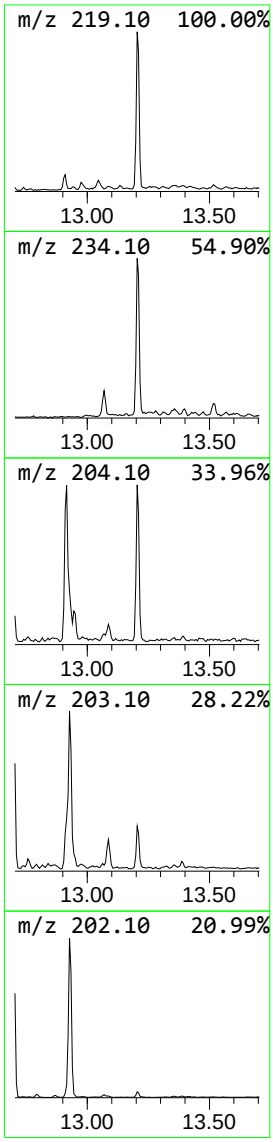
Peak Number 4 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.38 ng	285457	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	55
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5	[1,2]Dithiolo[1,5-b][1,2]oxathio...	234	C12H10OS2	074810-14-3	49





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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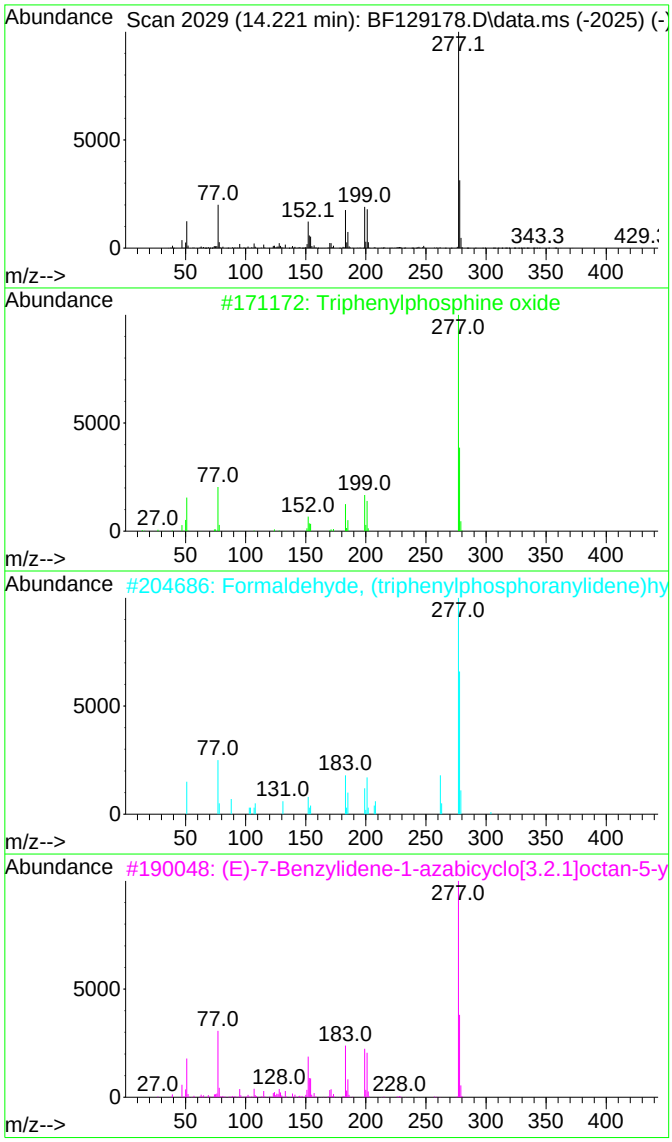
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

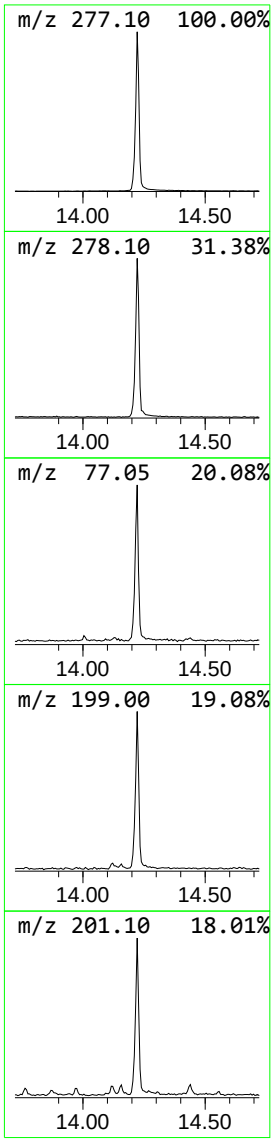
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.222	9.09 ng	768912	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	72
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	62
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	33





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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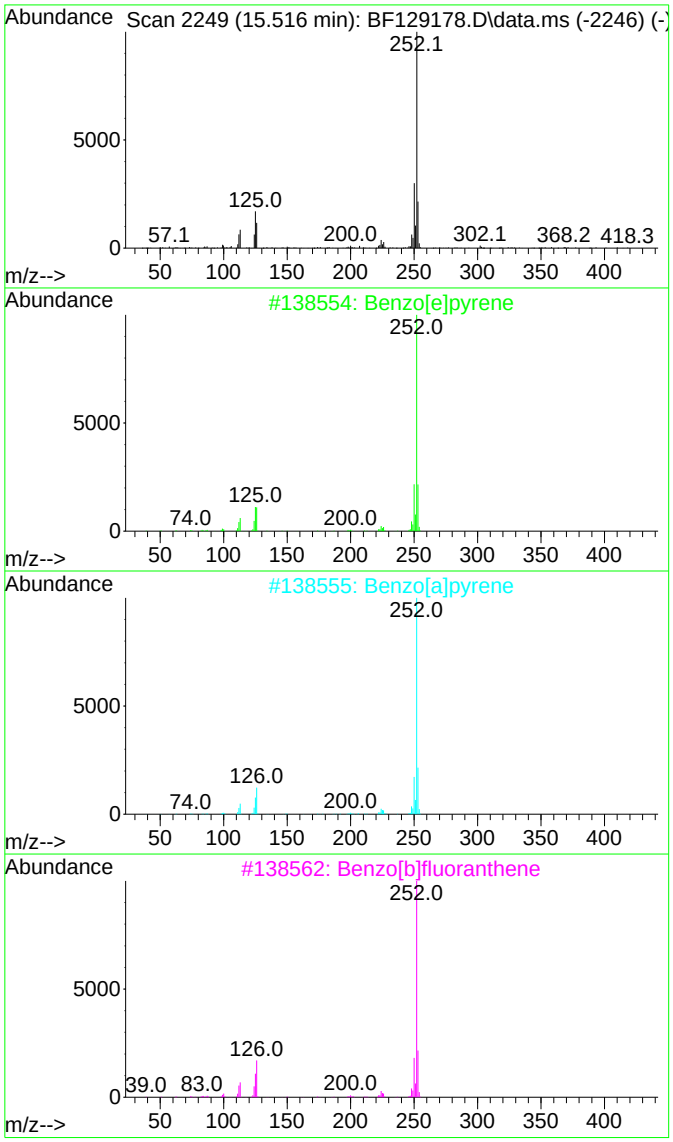
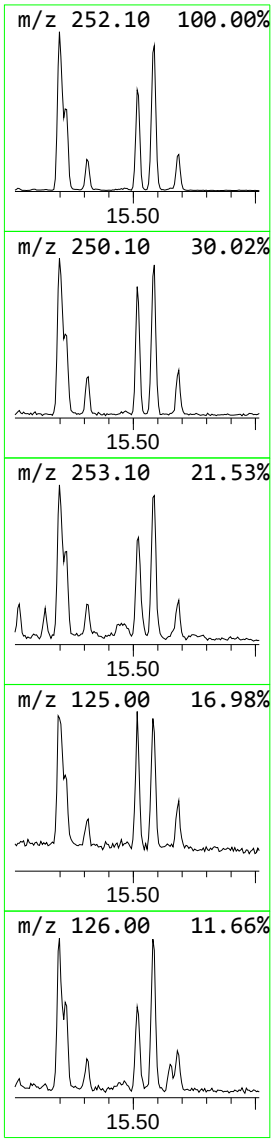
Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	3.31 ng	256914	Perylene-d12	15.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
Anthracene, 9-m...	11.986	2.2	ng	244336	4	11.480	2181110	20.0
4H-Cyclopenta[d...	12.098	2.2	ng	237942	4	11.480	2181110	20.0
Retene	13.204	3.4	ng	285457	5	14.133	1691370	20.0
Triphenylphosph...	14.222	9.1	ng	768912	5	14.133	1691370	20.0
Benzo[e]pyrene	15.515	3.3	ng	256914	6	15.651	1551230	20.0