LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	4	25	rVB	650670	766860	65.54%	7.138%
2	5.499	574	579	600	rBV	704871	1010870	86.40%	9.410%
3	6.504	745	750	779	rBV	700845	1036927	88.63%	9.652%
4	6.863	806	811	820	rBV	315948	388169	33.18%	3.613%
5	7.428	901	907	917	rBV	486367	656102	56.08%	6.107%
6	7.687	944	951	969	rBV	13008	27407	2.34%	0.255%
7	8.145	1019	1029	1047	rBV	351457	483044	41.29%	4.496%
8	9.216	1206	1211	1220	rBV	938806	1170013	100.00%	10.891%
9	9.557	1261	1269	1272	rBV4	7491	12525	1.07%	0.117%
10	9.763	1299	1304	1308	rBV	13008	16451	1.41%	0.153%
11	9.898	1322	1327	1332	rBV	349209	443251	37.88%	4.126%
12	10.316	1392	1398	1402	rBV5	7754	13034	1.11%	0.121%
13	10.451	1414	1421	1427	rBV	15942	24759	2.12%	0.230%
14	10.533	1427	1435	1438	rBV4	6284	13237	1.13%	0.123%
15	10.610	1443	1448	1455	rVV	67810	89908	7.68%	0.837%
16	10.692	1457	1462	1476	rVV	356832	494604	42.27%	4.604%
17	10.798	1476	1480	1488	rVB5	9684	19638	1.68%	0.183%
18	10.998	1508	1514	1517	rBV4	6512	12914	1.10%	0.120%
19	11.286	1558	1563	1568	rVB2	10399	20386	1.74%	0.190%
20	11.392	1575	1581	1584	rBV	305165	464702	39.72%	4.326%
21	11.469	1590	1594	1598	rBV	20434	26049	2.23%	0.242%
22	11.633	1617	1622	1625	rBV	16278	27188	2.32%	0.253%
23	11.922	1662	1671	1676	rBV2	54847	135089	11.55%	1.257%
24	12.004	1681	1685	1694	rVB	47097	96683	8.26%	0.900%
25	12.080	1694	1698	1703	rBV5	6776	12813	1.10%	0.119%
26	12.186	1713	1716	1719	rBV	14320	17853	1.53%	0.166%
27	12.227	1719	1723	1729	rVB2	22049	32830	2.81%	0.306%
28	12.333	1736	1741	1744	rBV3	9262	18324	1.57%	0.171%
29	12.445	1755	1760	1763	rBV	30567	49381	4.22%	0.460%
30	12.539	1772	1776	1783	rVB3	21563	40897	3.50%	0.381%
31	12.610	1783	1788	1792	rBV	278030	355304	30.37%	3.307%
32	12.757	1810	1813	1816	rVV2	15327	22142	1.89%	0.206%
33	12.839	1820	1827	1833	rVV	258572	384875	32.89%	3.583%
34	12.892	1833	1836	1840	rVB	18290	23786	2.03%	0.221%
35	12.975	1845	1850	1859	rVB	731182	940674	80.40%	8.756%
36	13.057	1860	1864	1869	rBV3	22319	38078	3.25%	0.354%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.169	1876	1883	1887	rBV	39906	81772	6.99%	0.761%
38	13.274	1897	1901	1908	rVB2	32238	51098	4.37%	0.476%
39	13.363	1914	1916	1919	rBV	15655	18418	1.57%	0.171%
40	14.045	2026	2032	2043	rBV2	320838	642113	54.88%	5.977%
41	15.116	2210	2214	2229	rVB	87880	235453	20.12%	2.192%
42	15.486	2274	2277	2282	rVB	56399	84995	7.26%	0.791%
43	15.551	2283	2288	2293	rBV	150370	242425	20.72%	2.257%

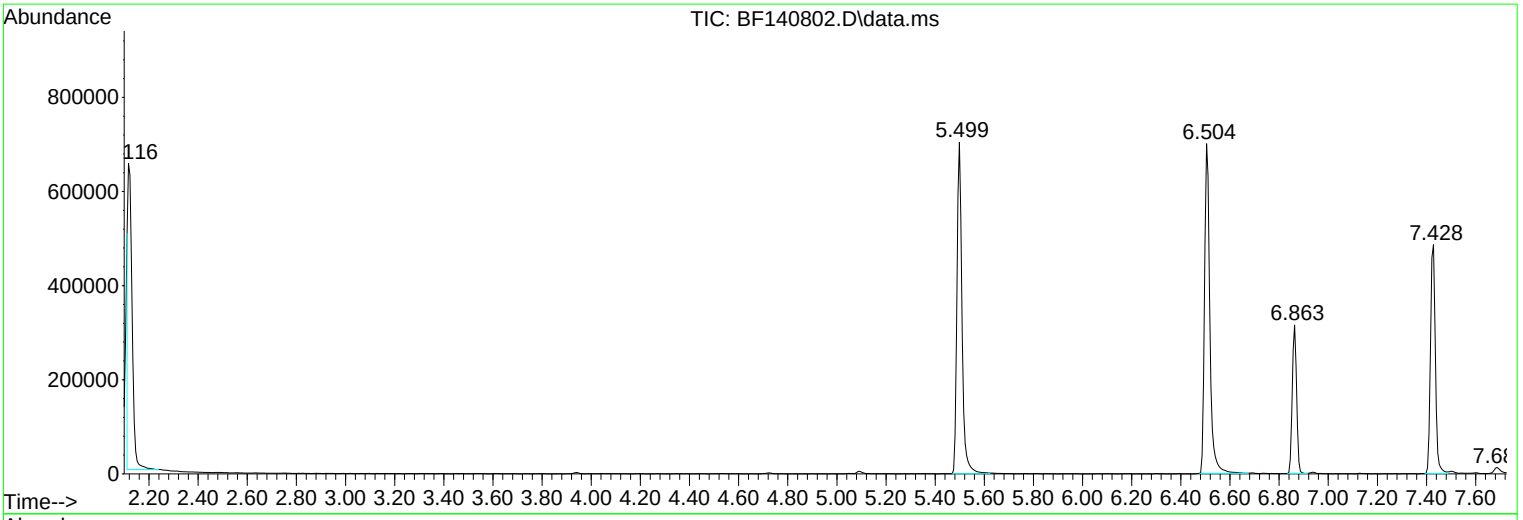
Sum of corrected areas: 10743041

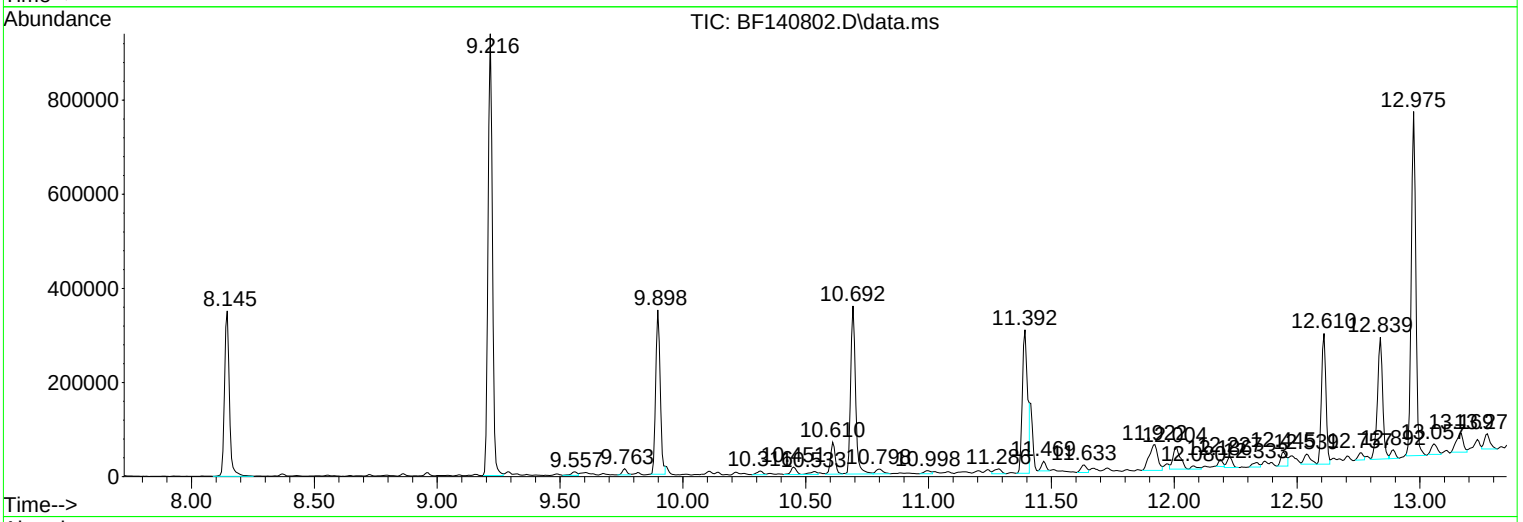
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

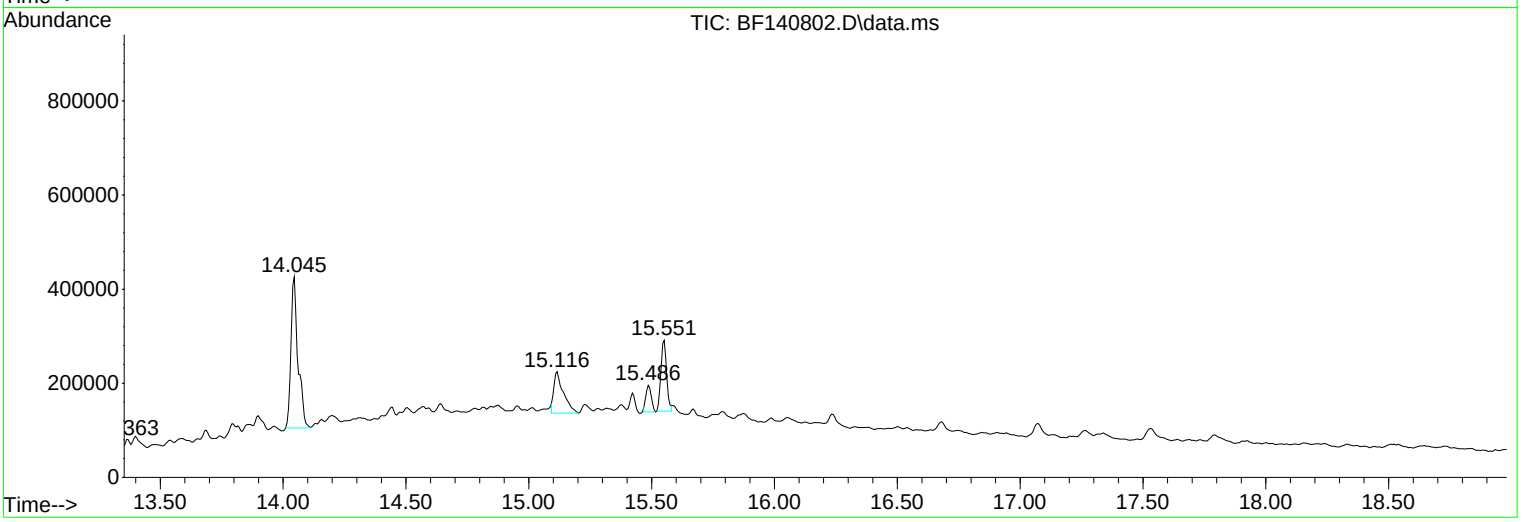
Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

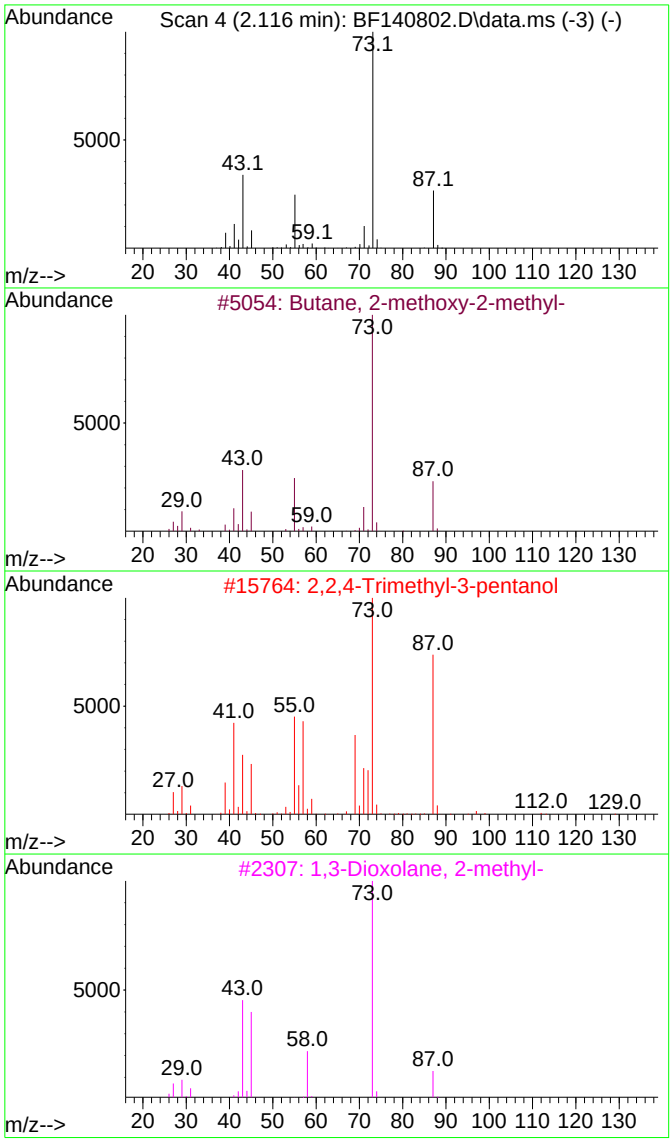
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

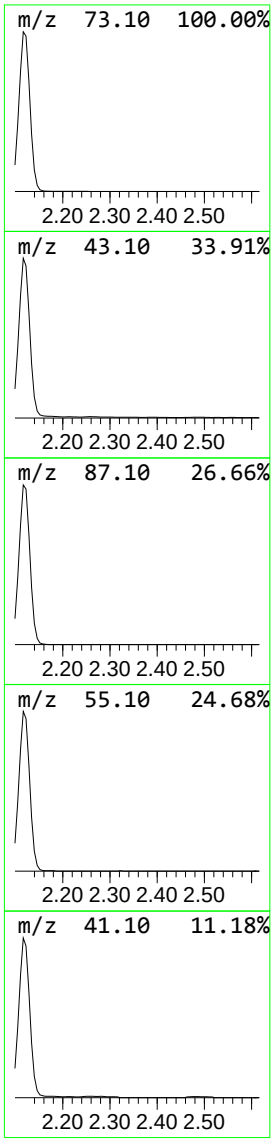
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	39.51 ng	766860	1,4-Dichlorobenzene-d4	6.863

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

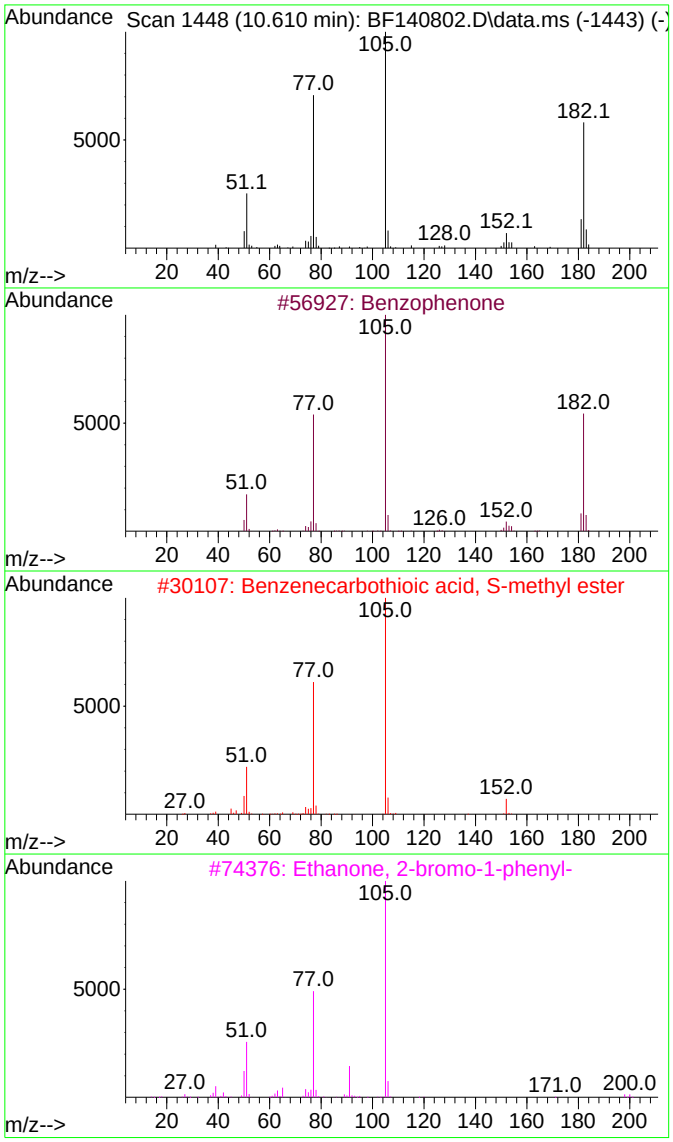
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

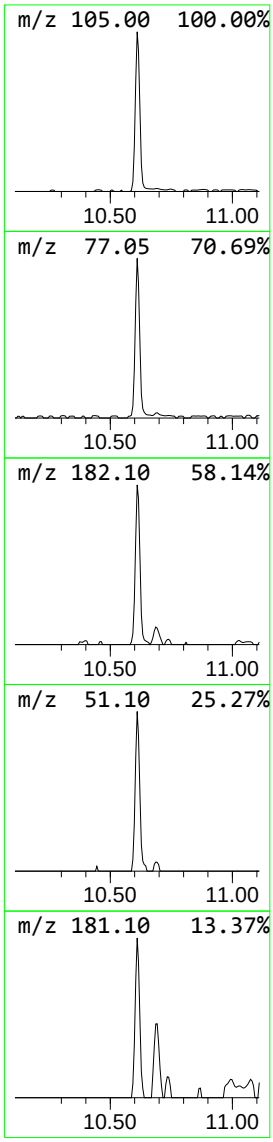
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.06 ng	89908	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

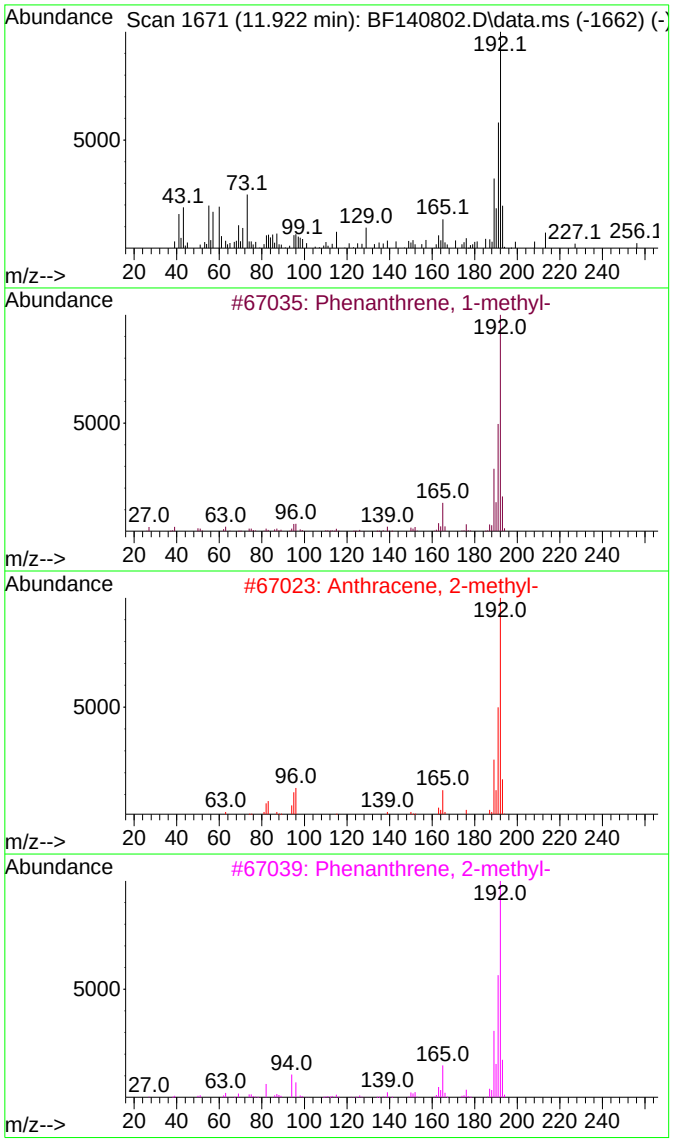
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

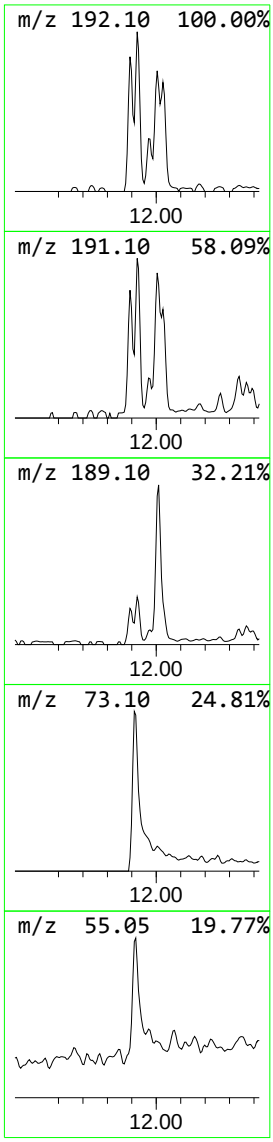
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.81 ng	135089	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

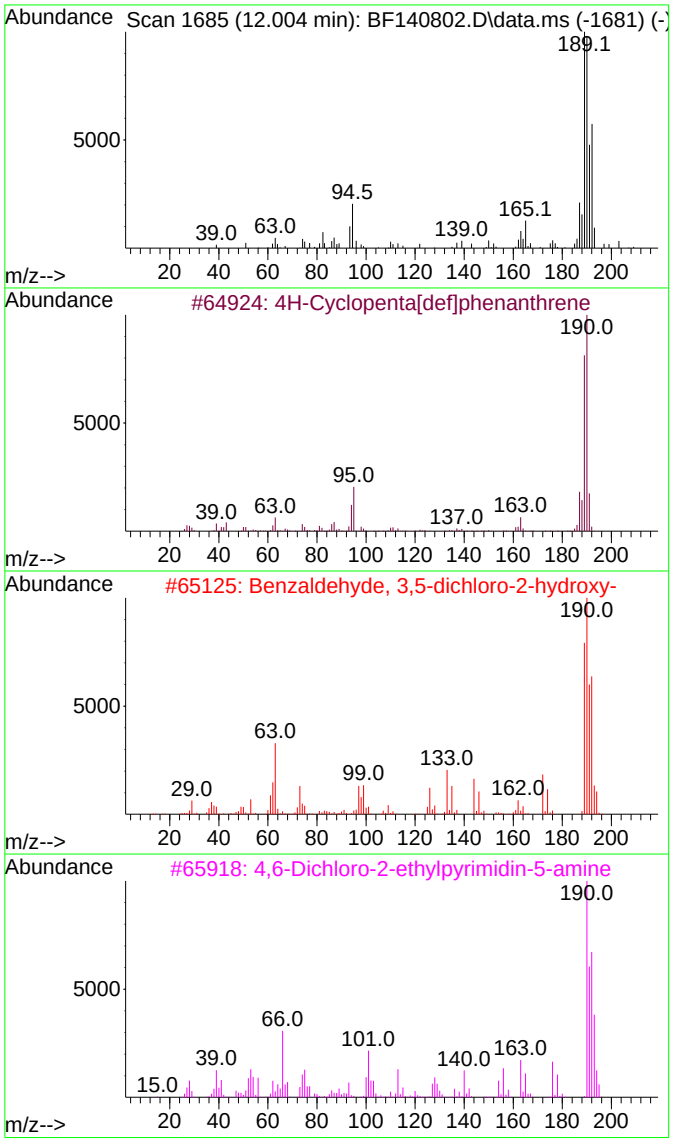
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

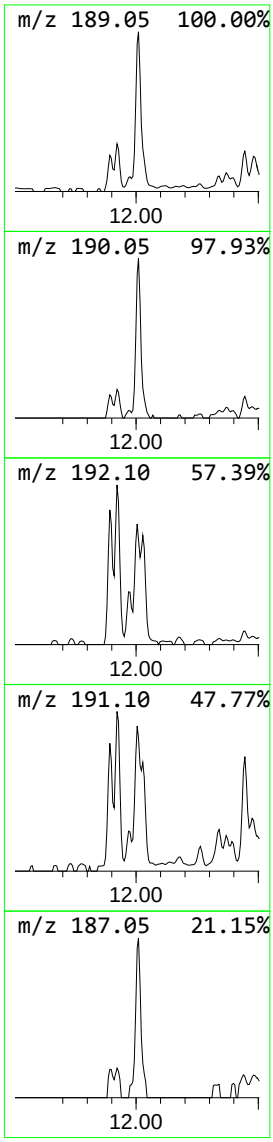
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	4.16 ng	96683	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

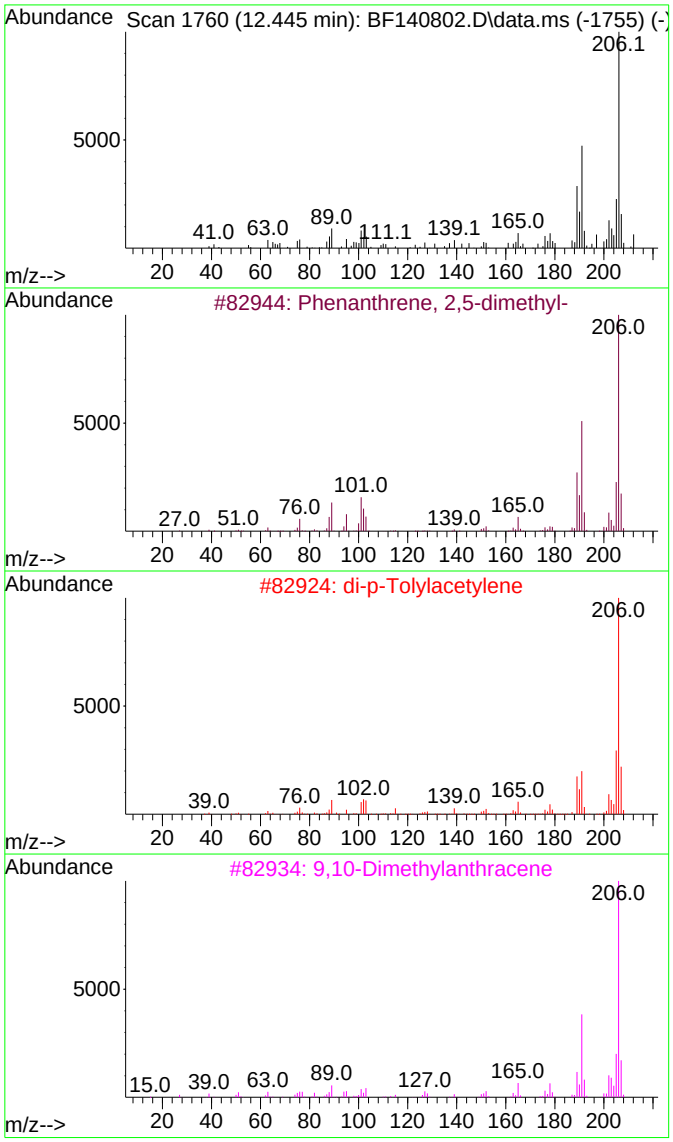
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

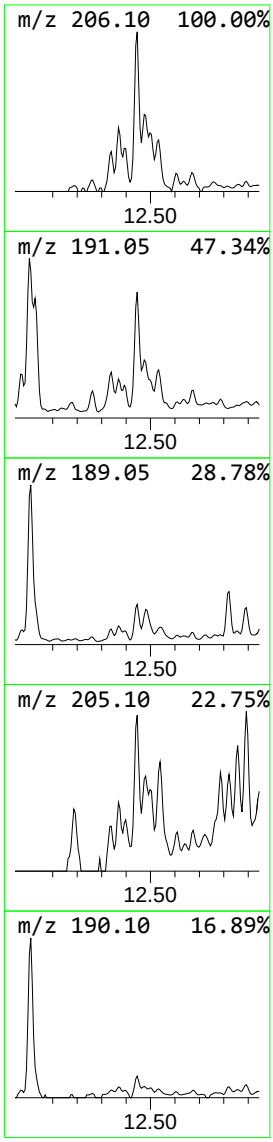
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.13 ng	49381	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

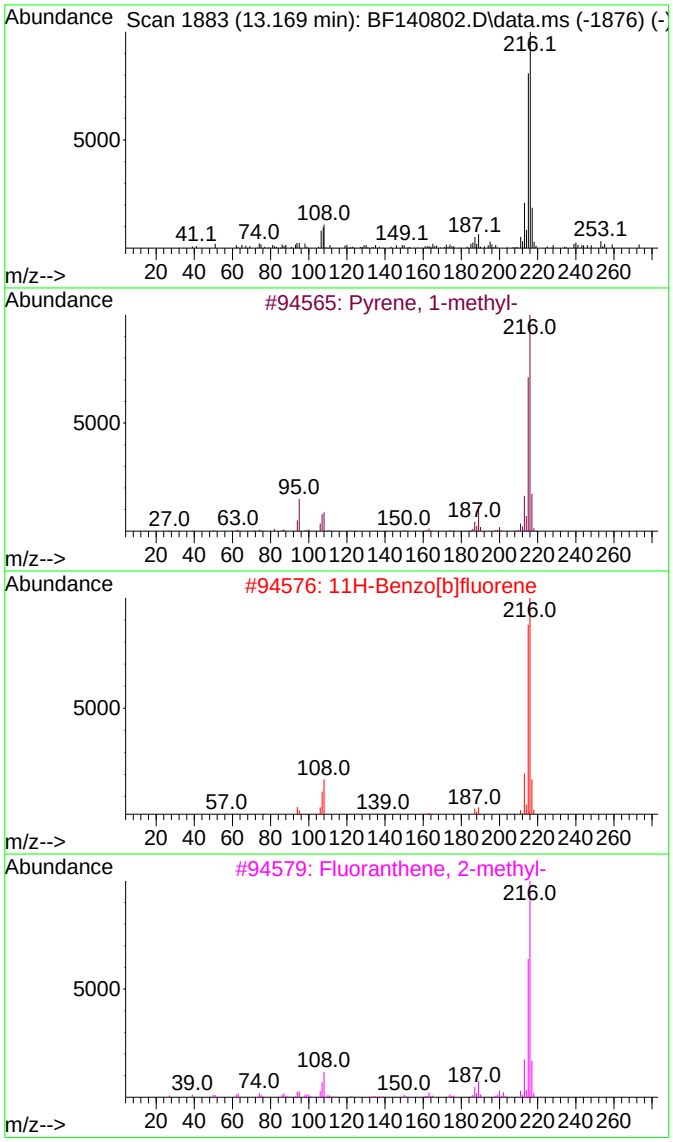
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

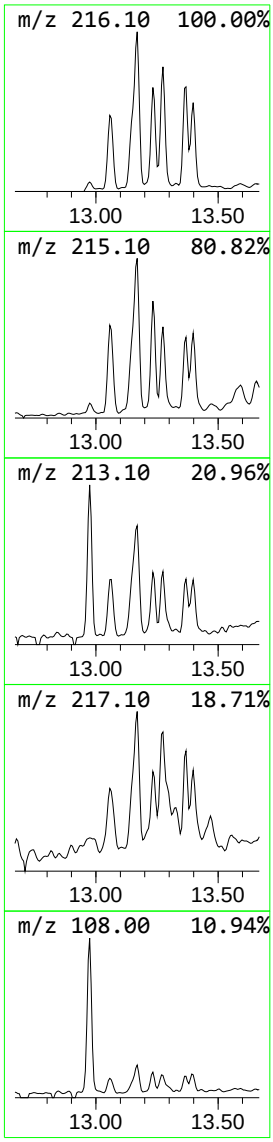
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.55 ng	81772	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140802.D
Acq On : 10 Dec 2024 13:13
Operator : RC/JU
Sample : P5175-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-12062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
Butane, 2-metho...	2.116	39.5	ng	766860	1	6.863	388169	20.0
Benzophenone	10.610	4.1	ng	89908	3	9.898	443251	20.0
Phenanthrene, 1...	11.922	5.8	ng	135089	4	11.392	464702	20.0
4H-Cyclopenta[d...	12.004	4.2	ng	96683	4	11.392	464702	20.0
Phenanthrene, 2...	12.445	2.1	ng	49381	4	11.392	464702	20.0
Pyrene, 1-methyl-	13.169	2.5	ng	81772	5	14.045	642113	20.0