LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140485.D
Acq On : 19 Nov 2024 20:20
Operator : RC/JU
Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140485.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	4	11	19	rVB	792922	1222874	54.45%	5.839%
2	3.487	232	237	258	rBV	15516	51722	2.30%	0.247%
3	5.099	506	511	519	rVB	15738	24912	1.11%	0.119%
4	5.504	574	580	598	rBV	1582314	2086664	92.92%	9.964%
5	6.510	745	751	778	rBV	1585833	2197788	97.86%	10.495%
6	6.875	808	813	818	rBV	612095	744697	33.16%	3.556%
7	7.434	902	908	918	rBV	1007376	1296947	57.75%	6.193%
8	7.681	945	950	963	rBV	50978	77712	3.46%	0.371%
9	8.151	1023	1030	1043	rBV	676628	922696	41.09%	4.406%
10	8.369	1062	1067	1076	rBV	20180	30802	1.37%	0.147%
11	9.228	1207	1213	1223	rBV	1711351	2245760	100.00%	10.724%
12	9.298	1223	1225	1236	rVB2	14410	26275	1.17%	0.125%
13	9.910	1323	1329	1333	rBV	644892	846325	37.69%	4.041%
14	9.939	1333	1334	1342	rVB	52537	46185	2.06%	0.221%
15	10.116	1359	1364	1368	rBV	22241	31554	1.41%	0.151%
16	10.457	1417	1422	1427	rBV	39126	50350	2.24%	0.240%
17	10.622	1442	1450	1455	rVB	134639	184912	8.23%	0.883%
18	10.698	1458	1463	1477	rVV	805055	1083292	48.24%	5.173%
19	10.810	1478	1482	1490	rVB6	11302	23703	1.06%	0.113%
20	11.004	1508	1515	1518	rBV4	13856	26350	1.17%	0.126%
21	11.251	1553	1557	1561	rVV2	27395	43312	1.93%	0.207%
22	11.292	1561	1564	1571	rVB	26580	37175	1.66%	0.178%
23	11.398	1576	1582	1584	rBV	623312	833649	37.12%	3.981%
24	11.422	1584	1586	1590	rVV	455496	494234	22.01%	2.360%
25	11.475	1590	1595	1599	rVB	75227	104080	4.63%	0.497%
26	11.633	1616	1622	1628	rBV2	52114	85358	3.80%	0.408%
27	11.922	1663	1671	1677	rBV2	172079	375073	16.70%	1.791%
28	11.975	1677	1680	1683	rVV	35936	56083	2.50%	0.268%
29	12.016	1683	1687	1695	rVB2	88937	181119	8.06%	0.865%
30	12.086	1695	1699	1705	rBV7	15884	36709	1.63%	0.175%
31	12.192	1710	1717	1720	rVV	37789	71676	3.19%	0.342%
32	12.222	1720	1722	1728	rVB	29699	36464	1.62%	0.174%
33	12.451	1757	1761	1764	rBV	26633	38525	1.72%	0.184%
34	12.486	1764	1767	1772	rVB3	21812	34407	1.53%	0.164%
35	12.539	1772	1776	1781	rVB3	23961	33401	1.49%	0.159%
36	12.616	1784	1789	1793	rBV	445191	582545	25.94%	2.782%

LSC Area Percent Report

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Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.845	1821	1828	1833	rBV	367572	572932	25.51%	2.736%
38	12.980	1845	1851	1859	rBV	1380646	1832134	81.58%	8.749%
39	13.063	1860	1865	1869	rBV2	33233	61789	2.75%	0.295%
40	13.169	1876	1883	1887	rBV	68411	120361	5.36%	0.575%
41	13.239	1891	1895	1898	rBV2	43945	61627	2.74%	0.294%
42	13.274	1898	1901	1909	rVB4	38621	75053	3.34%	0.358%
43	13.369	1914	1917	1919	rBV	23871	26114	1.16%	0.125%
44	13.404	1920	1923	1929	rVB3	24967	47485	2.11%	0.227%
45	14.039	2025	2031	2043	rBV2	541231	1042918	46.44%	4.980%
46	15.092	2206	2210	2217	rBV	105209	210765	9.39%	1.006%
47	15.463	2269	2273	2278	rVV	80359	120130	5.35%	0.574%
48	15.527	2279	2284	2296	rVB	291977	504844	22.48%	2.411%

Sum of corrected areas: 20941482

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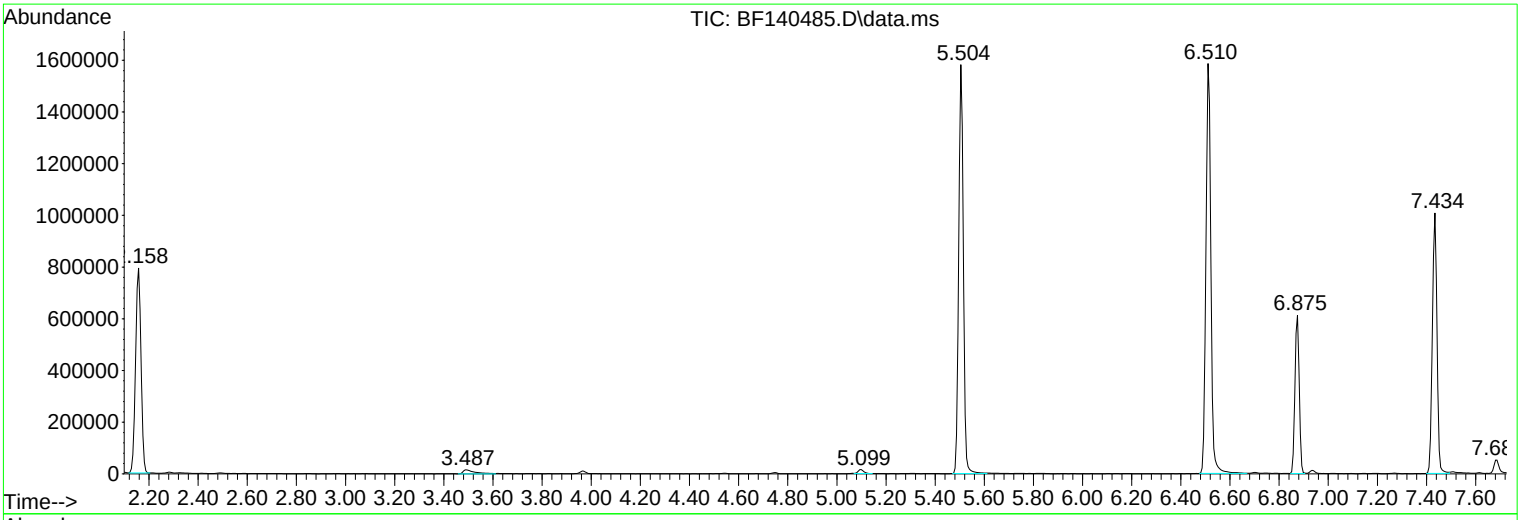
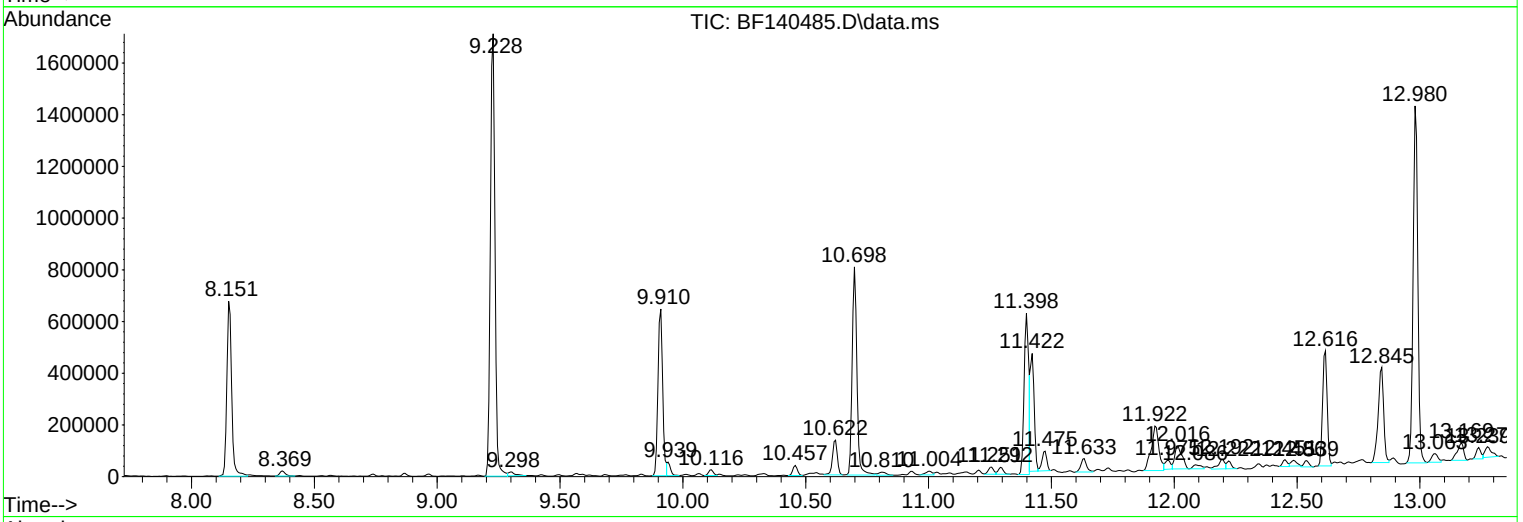
Misc :
ALS Vial : 24 Sample Multiplier: 1

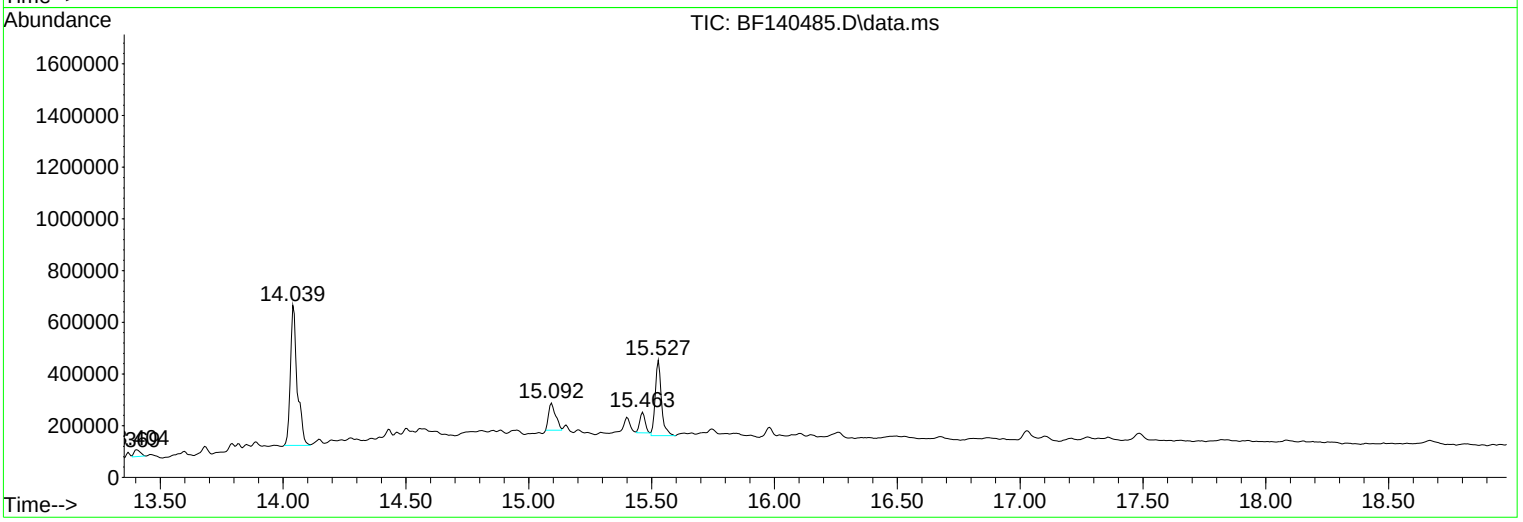
Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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\BF111924\
Data File : BF140485.D
Acq On : 19 Nov 2024 20:20
Operator : RC/JU
Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

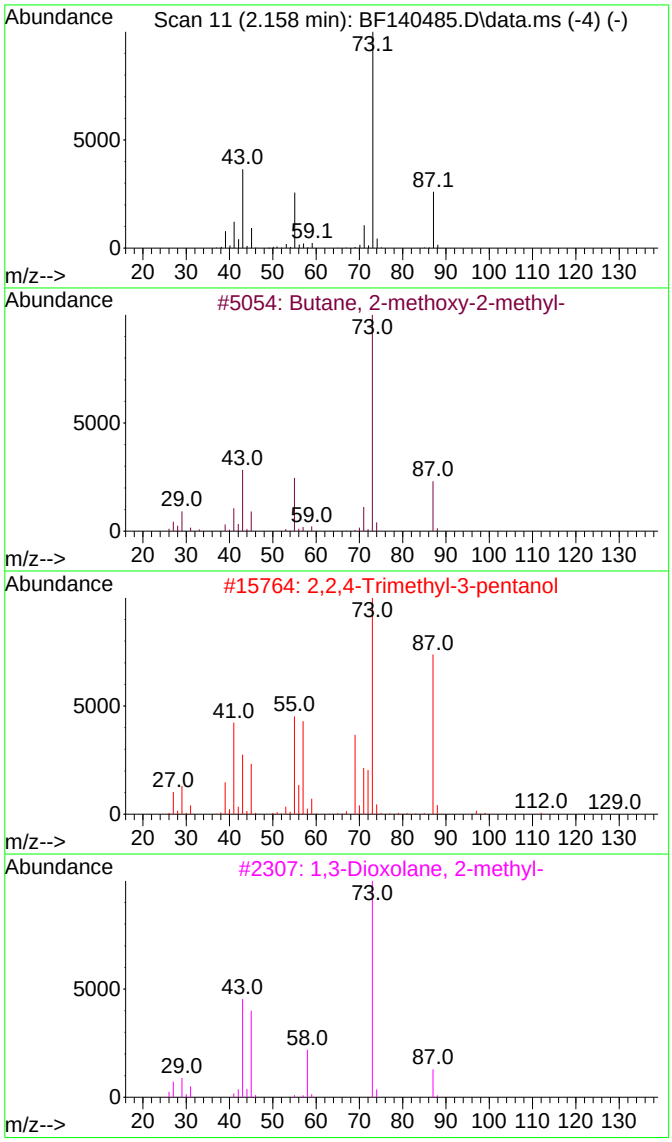
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

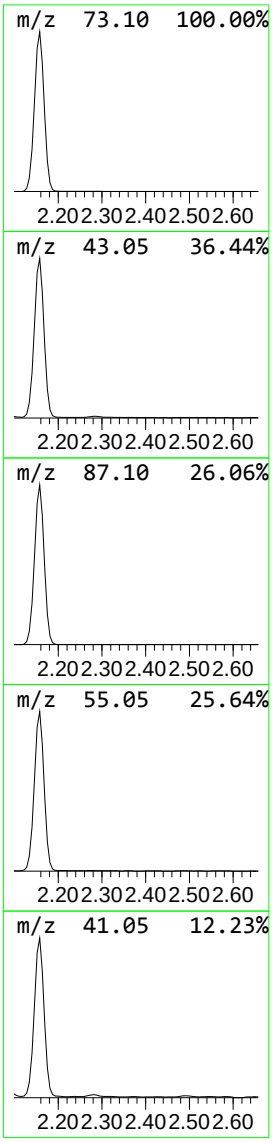
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	32.84 ng	1222870	1,4-Dichlorobenzene-d4	6.875

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140485.D
Acq On : 19 Nov 2024 20:20
Operator : RC/JU
Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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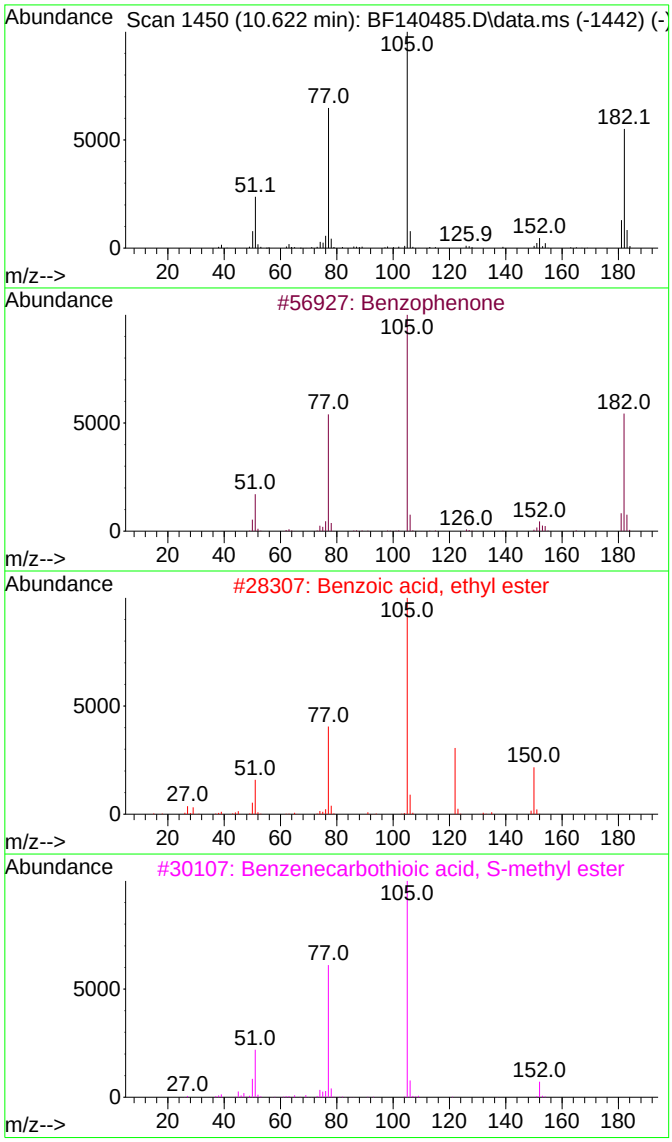
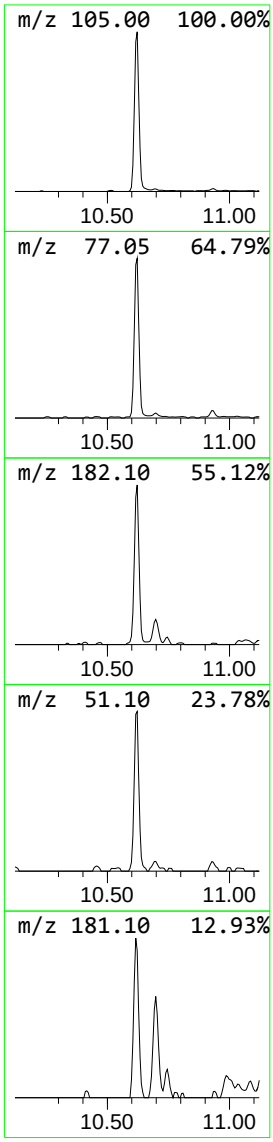
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.37 ng	184912	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140485.D
Acq On : 19 Nov 2024 20:20
Operator : RC/JU
Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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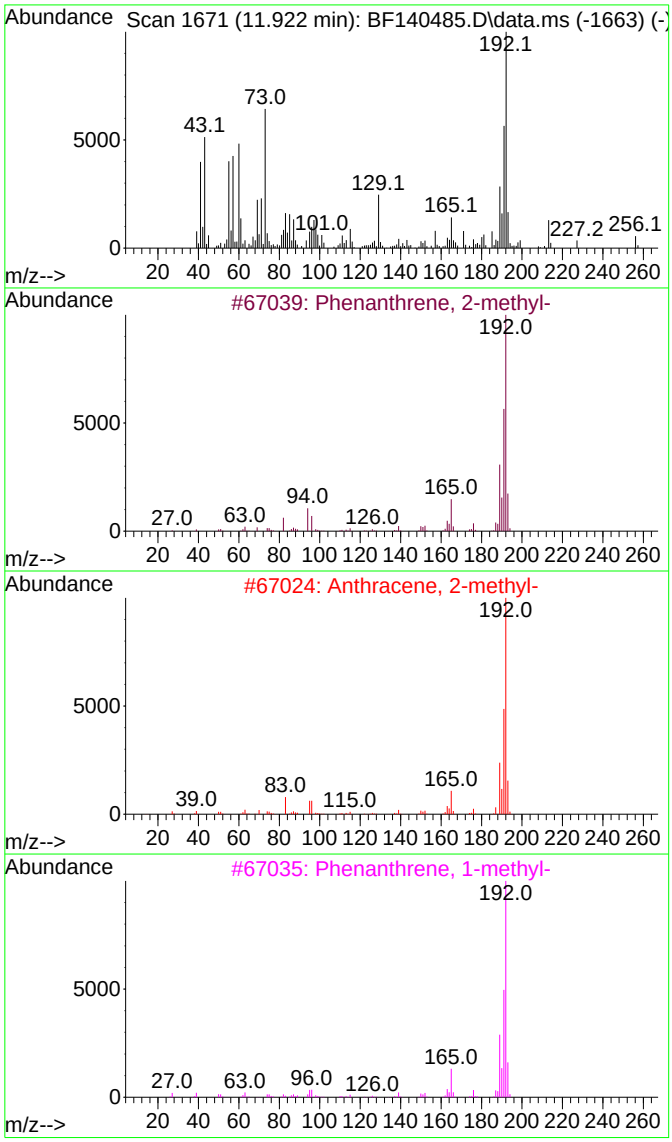
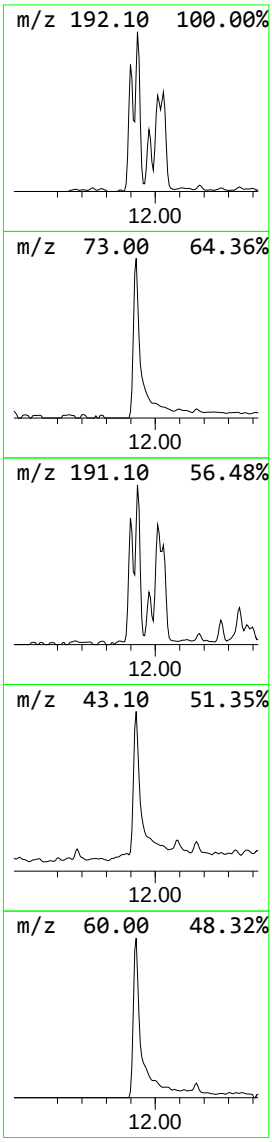
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	9.00 ng	375073	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
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Sample : P4908-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2

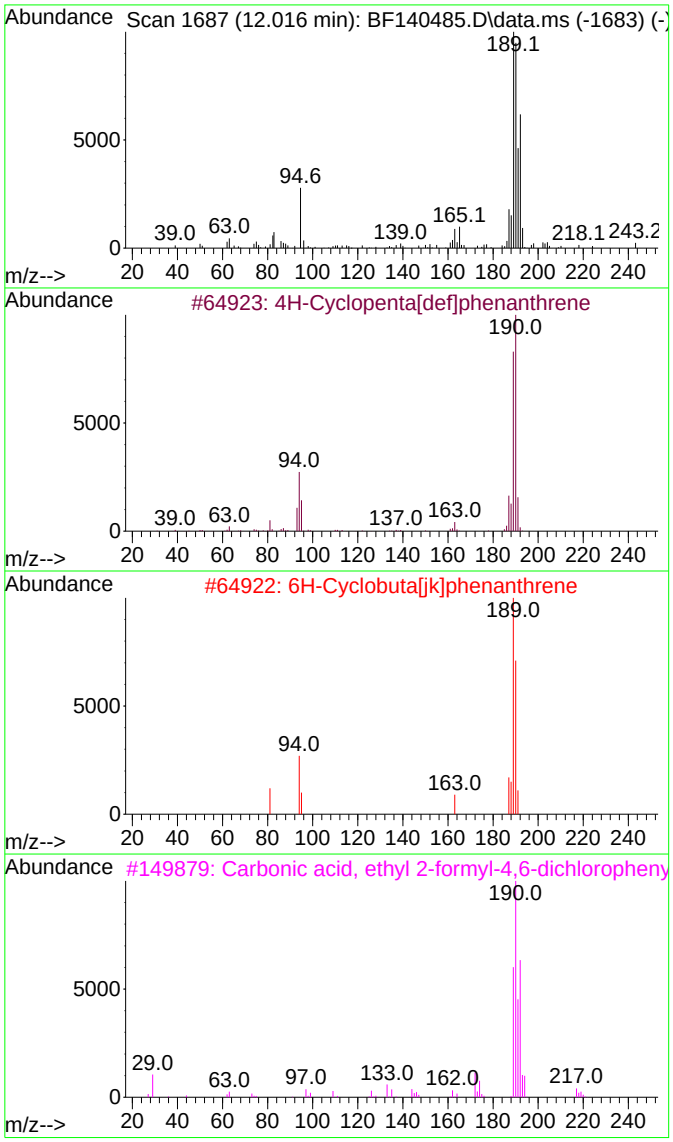
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

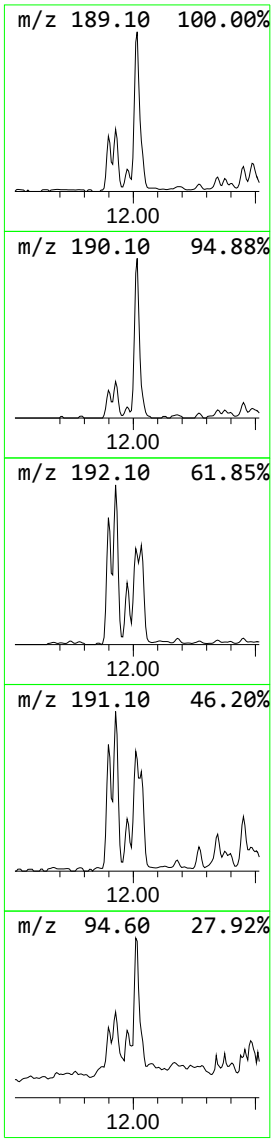
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.35 ng	181119	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

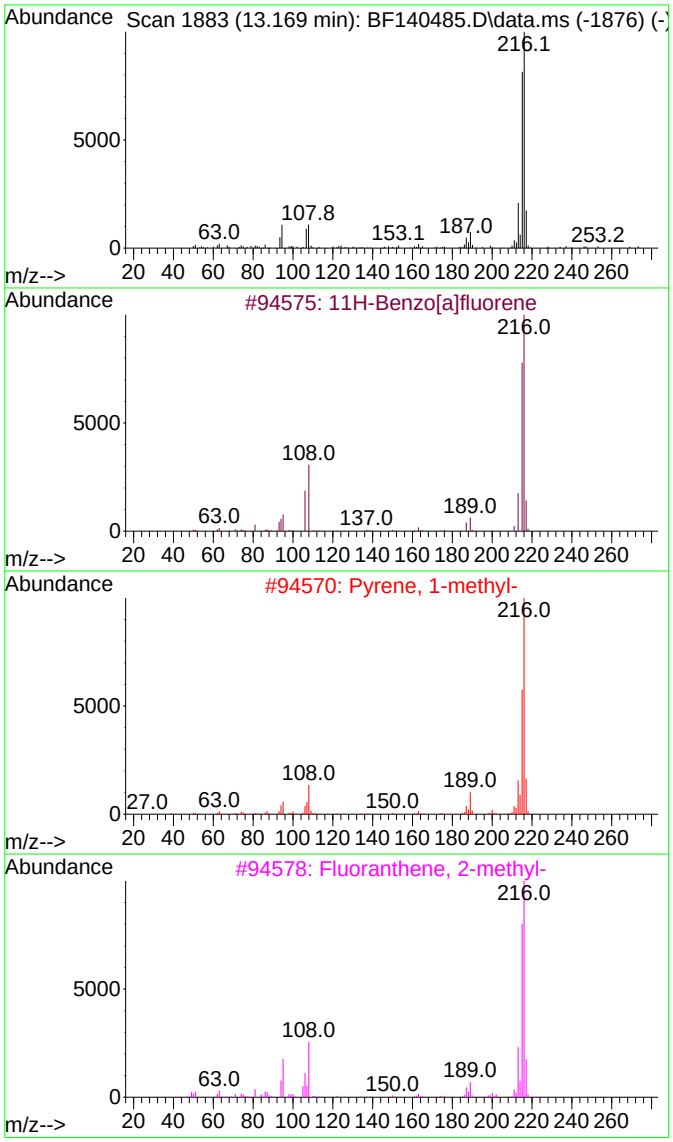
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

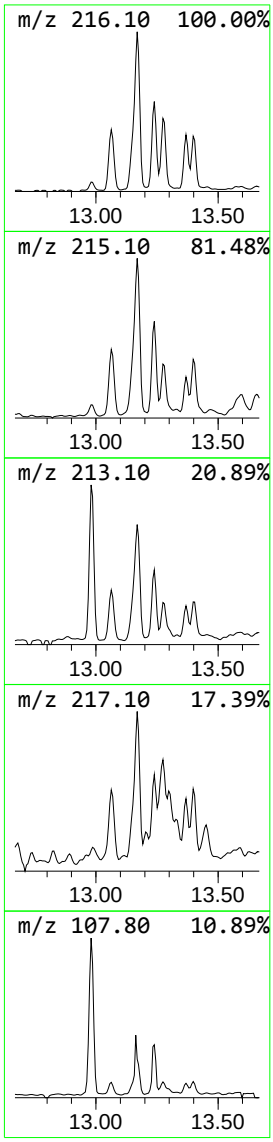
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.31 ng	120361	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140485.D
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.158	32.8	ng	1222870	1	6.875	744697	20.0
Benzophenone	10.622	4.4	ng	184912	3	9.910	846325	20.0
Phenanthrene, 2...	11.922	9.0	ng	375073	4	11.398	833649	20.0
4H-Cyclopenta[d...	12.016	4.3	ng	181119	4	11.398	833649	20.0
11H-Benzo[a]flu...	13.169	2.3	ng	120361	5	14.045	1042920	20.0