LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	17	22	32	rVB	599784	772928	75.31%	7.214%
2	4.040	328	332	336	rVB	10402	11913	1.16%	0.111%
3	5.151	517	521	531	rVB	154267	161811	15.77%	1.510%
4	5.546	584	588	591	rBV	1197316	1026287	100.00%	9.578%
5	6.551	754	759	762	rBV	1136087	1007612	98.18%	9.404%
6	6.763	791	795	799	rBV4	9565	12441	1.21%	0.116%
7	6.934	821	824	828	rVB	731089	579434	56.46%	5.408%
8	7.492	915	919	923	rBV	685398	623738	60.78%	5.821%
9	8.116	1022	1025	1039	rBV	137199	233977	22.80%	2.184%
10	8.222	1039	1043	1046	rBV	803832	654043	63.73%	6.104%
11	9.298	1222	1226	1229	rBV	1212674	989663	96.43%	9.236%
12	9.839	1315	1318	1324	rBV	62507	58950	5.74%	0.550%
13	9.981	1338	1342	1346	rVB	753094	582099	56.72%	5.433%
14	10.433	1416	1419	1422	rBV	13788	12589	1.23%	0.117%
15	10.769	1472	1476	1480	rBV	587612	467398	45.54%	4.362%
16	10.898	1492	1498	1505	rVB8	17379	30057	2.93%	0.281%
17	11.075	1524	1528	1532	rBV6	7509	15129	1.47%	0.141%
18	11.475	1592	1596	1599	rBV	649761	539254	52.54%	5.033%
19	11.498	1599	1600	1602	rVV	48825	26588	2.59%	0.248%
20	11.551	1606	1609	1611	rBV	30376	26117	2.54%	0.244%
21	11.857	1659	1661	1664	rBV2	31464	26888	2.62%	0.251%
22	11.975	1679	1681	1684	rBV2	26165	35337	3.44%	0.330%
23	12.004	1684	1686	1689	rVB	35287	28702	2.80%	0.268%
24	12.051	1692	1694	1697	rBV	16022	14469	1.41%	0.135%
25	12.086	1697	1700	1703	rBV2	42261	53566	5.22%	0.500%
26	12.298	1733	1736	1740	rVB2	29892	26962	2.63%	0.252%
27	12.451	1760	1762	1764	rBV3	12243	11883	1.16%	0.111%
28	12.527	1772	1775	1778	rBV	49269	55942	5.45%	0.522%
29	12.563	1778	1781	1783	rVV3	25937	32762	3.19%	0.306%
30	12.610	1787	1789	1794	rVV2	35425	43569	4.25%	0.407%
31	12.692	1799	1803	1806	rVV	153811	131520	12.82%	1.227%
32	12.786	1816	1819	1821	rBV	27426	25289	2.46%	0.236%
33	12.816	1822	1824	1827	rVV	17065	14940	1.46%	0.139%
34	12.922	1837	1842	1847	rBV	263137	247783	24.14%	2.313%
35	13.063	1862	1866	1869	rBV	1032177	826985	80.58%	7.718%
36	13.139	1876	1879	1882	rBV3	40590	57993	5.65%	0.541%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.245	1891	1897	1901	rBV2	45469	92161	8.98%	0.860%
38	13.357	1913	1916	1918	rBV	56089	45551	4.44%	0.425%
39	13.445	1929	1931	1934	rVB	42977	36620	3.57%	0.342%
40	13.480	1934	1937	1939	rBV	51836	45776	4.46%	0.427%
41	13.757	1982	1984	1987	rVB	45732	36174	3.52%	0.338%
42	14.121	2042	2046	2049	rBV2	509622	571973	55.73%	5.338%
43	14.151	2049	2051	2055	rVB	98281	87979	8.57%	0.821%
44	15.645	2301	2305	2313	rBV	237214	331946	32.34%	3.098%

Sum of corrected areas: 10714798

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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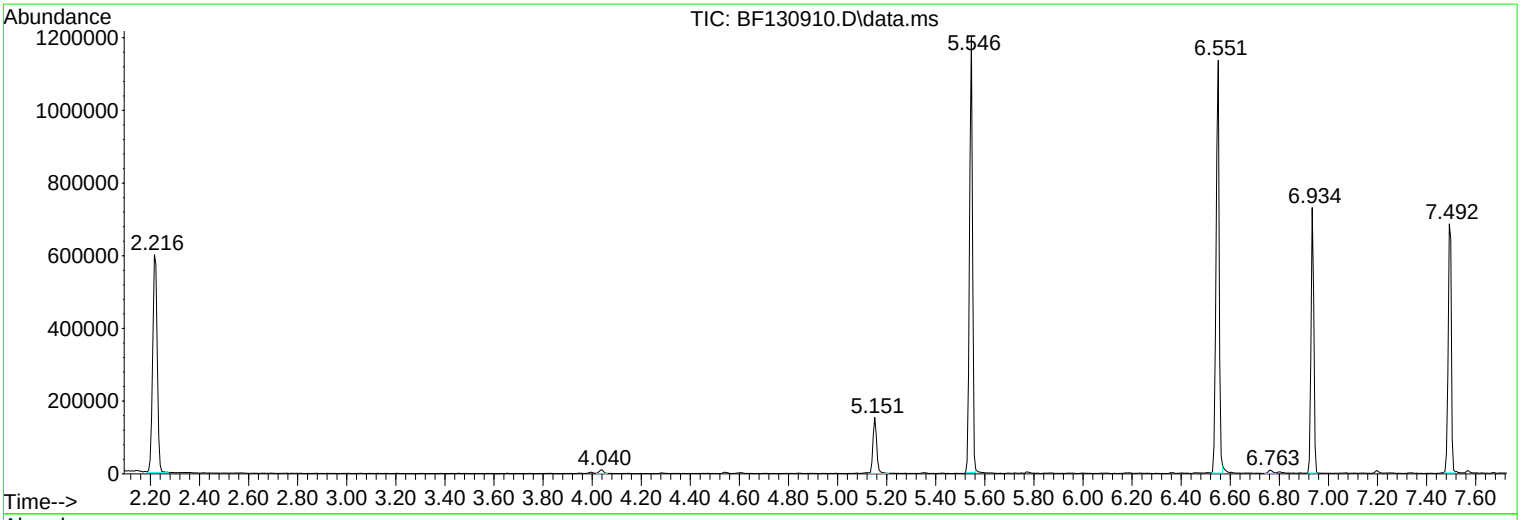
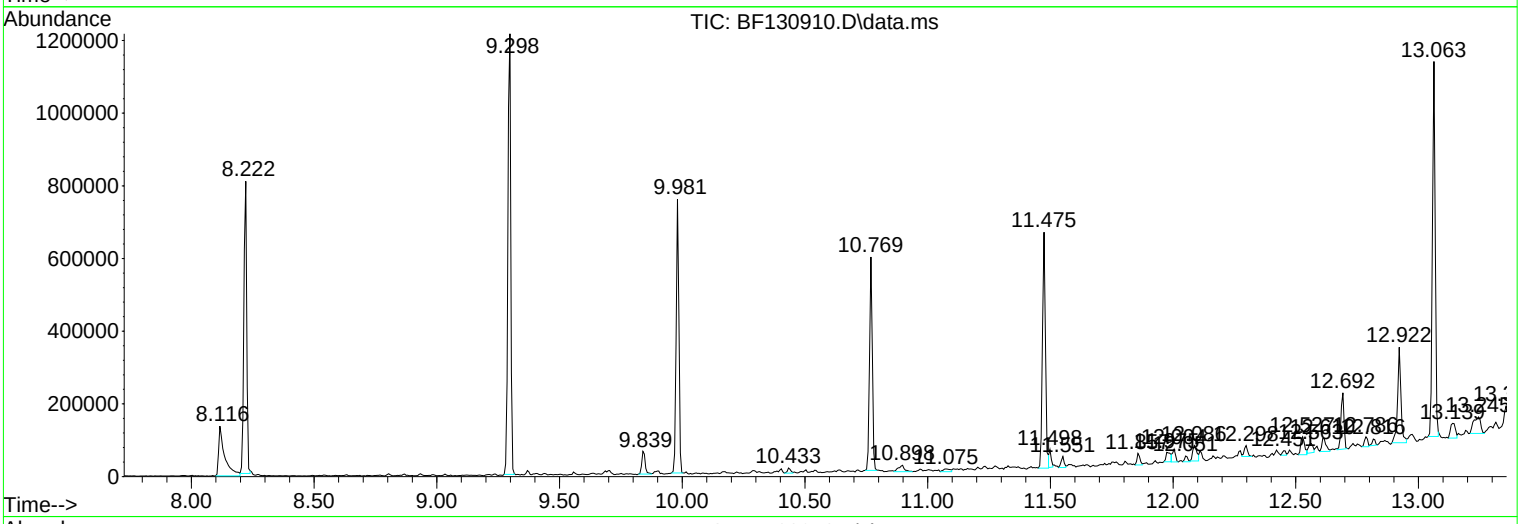
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

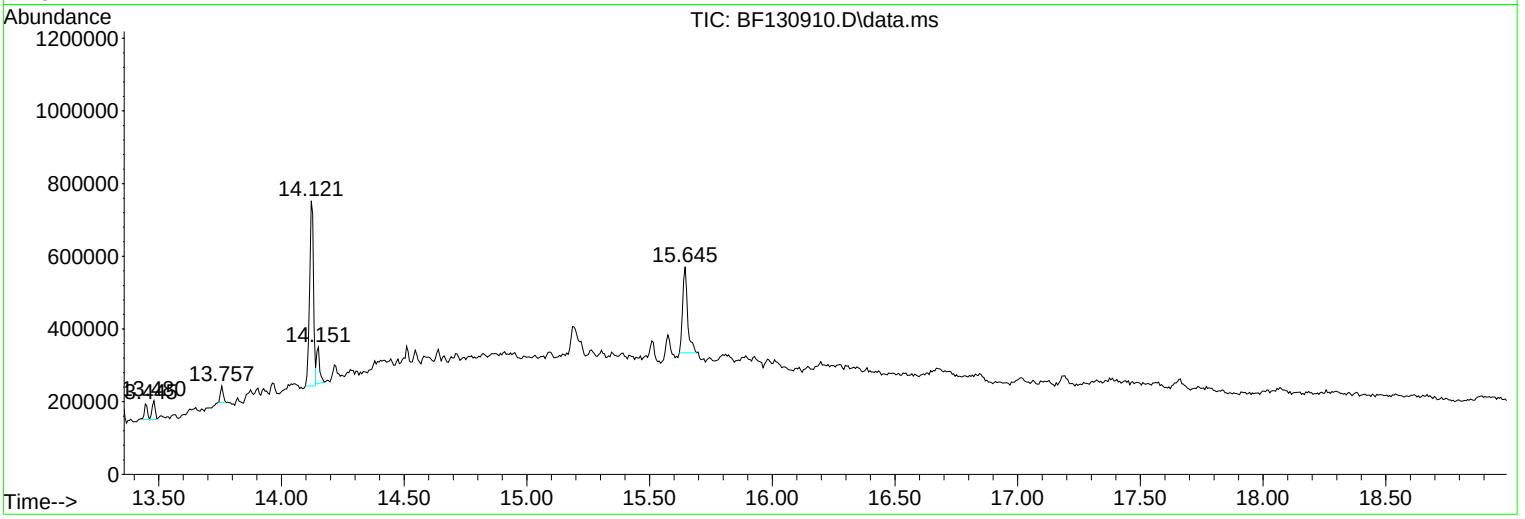
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

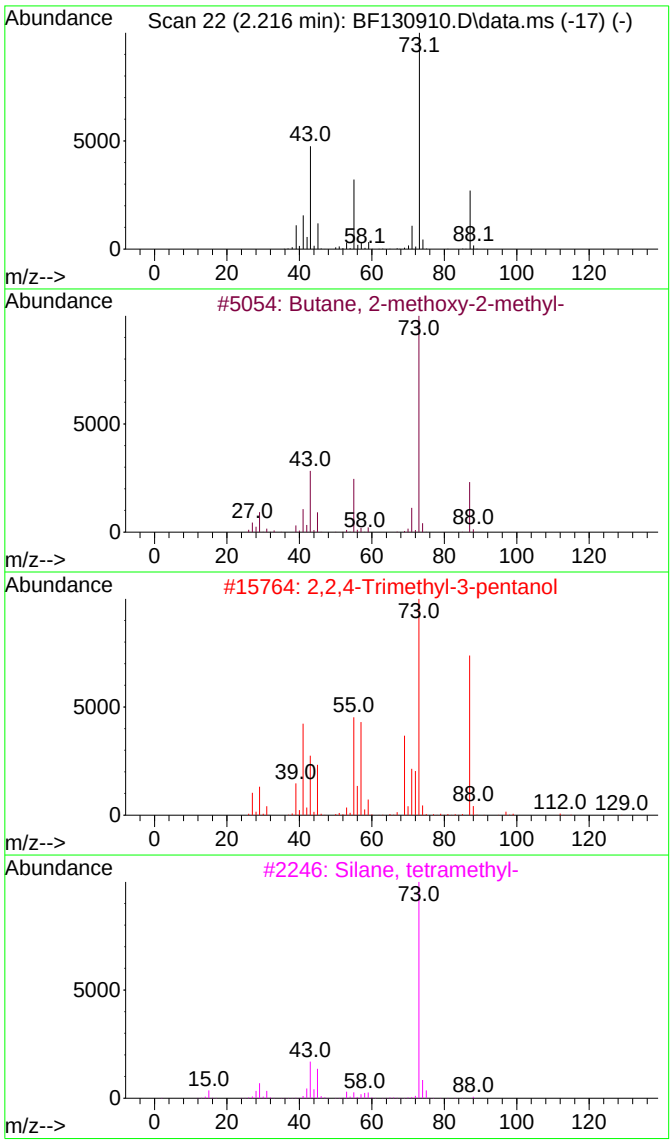
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

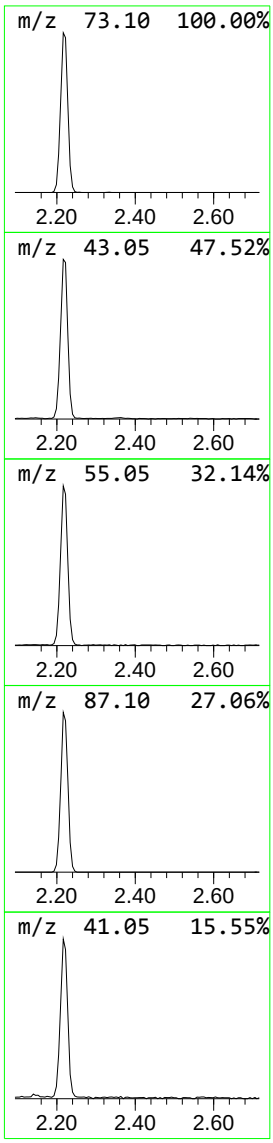
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	26.68 ng	772928	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

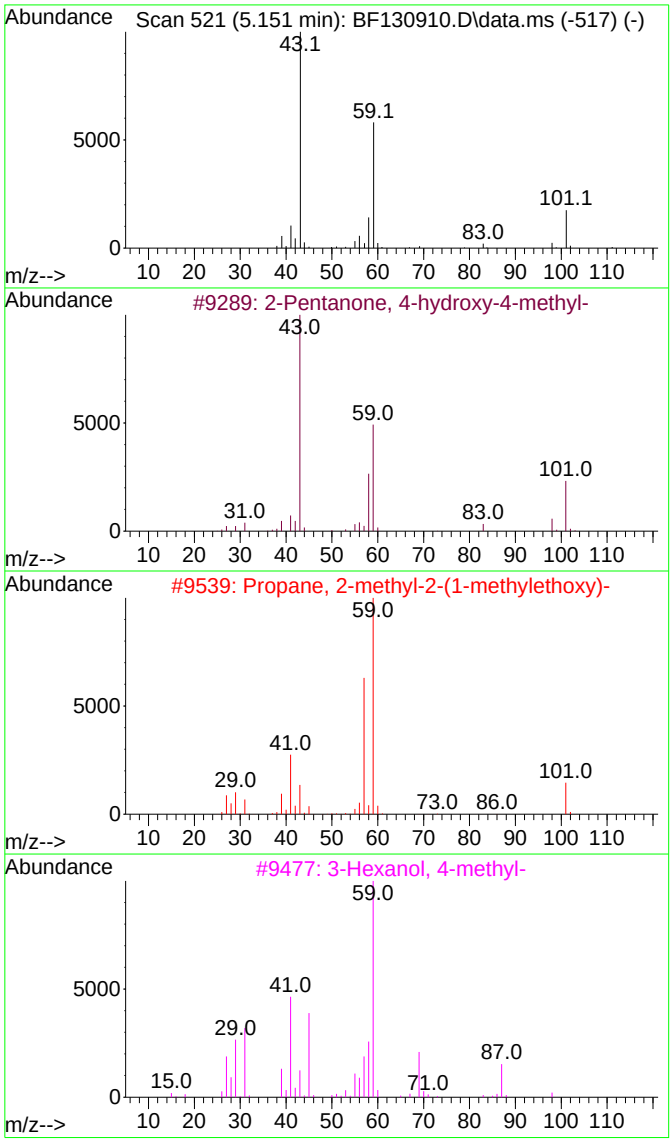
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

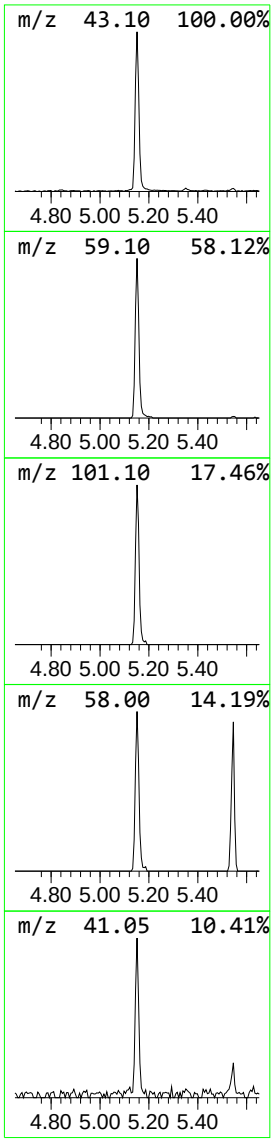
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	5.59 ng	161811	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

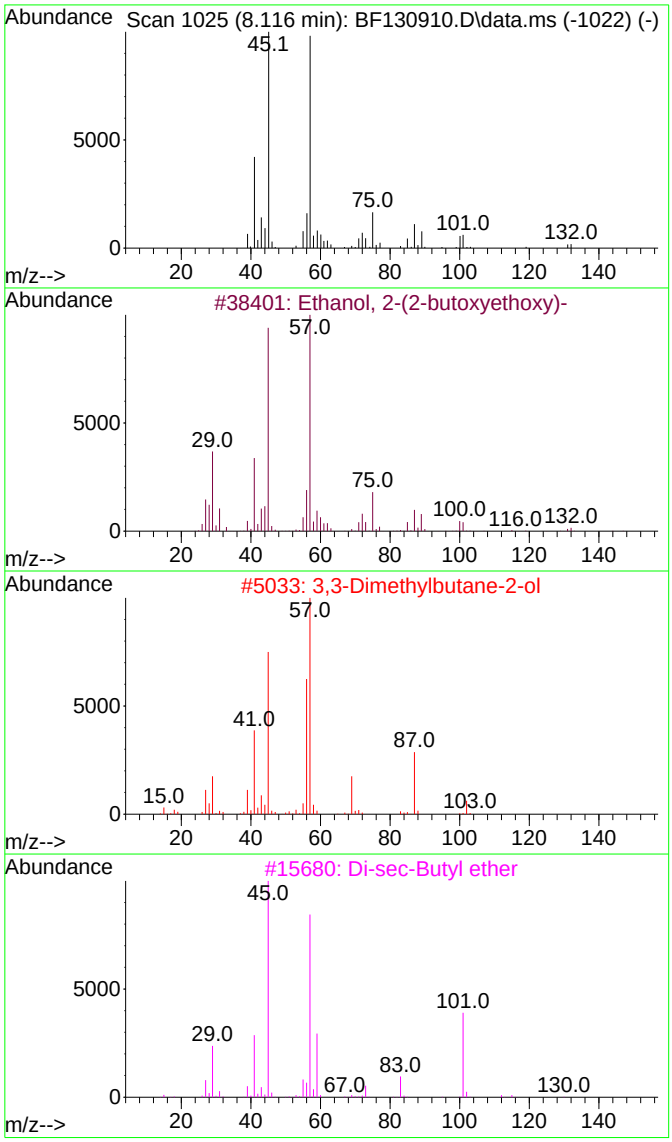
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

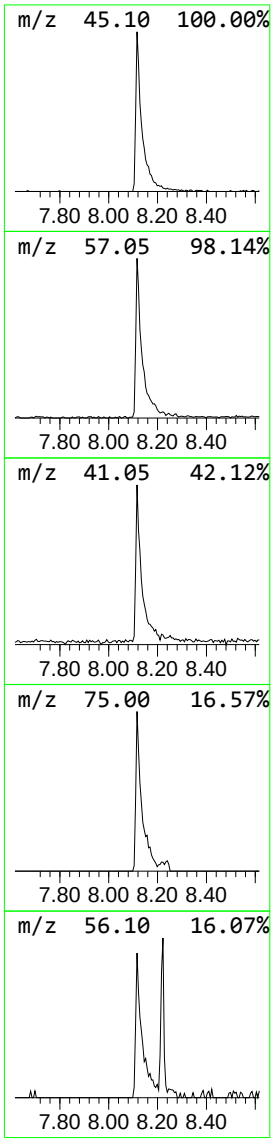
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	7.15 ng	233977	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

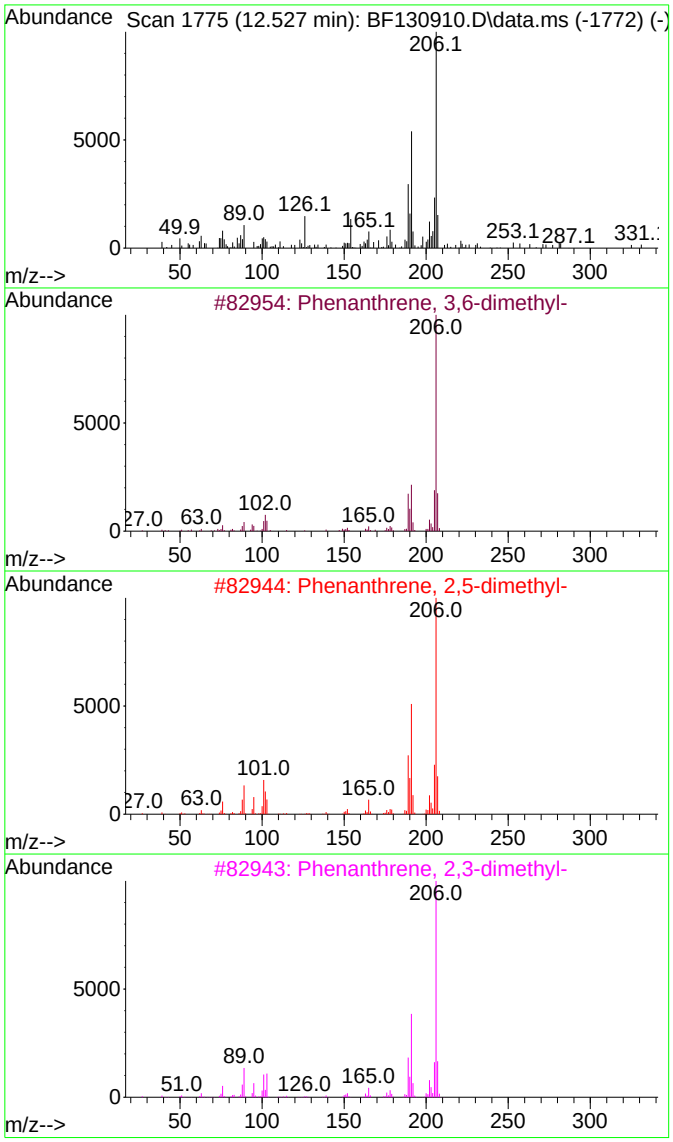
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

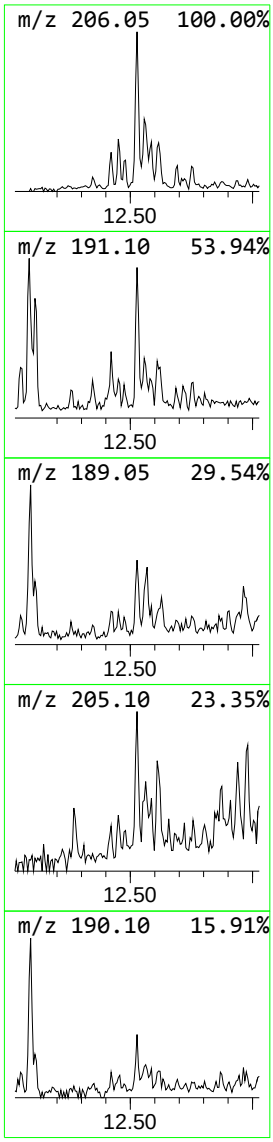
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.07 ng	55942	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

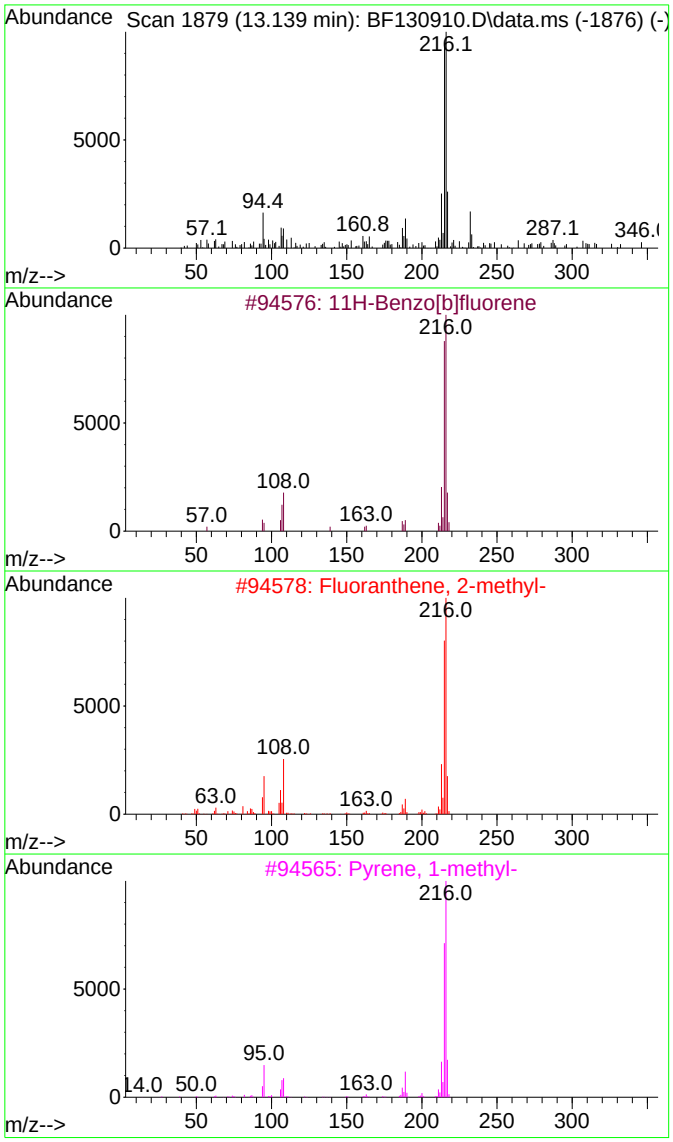
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

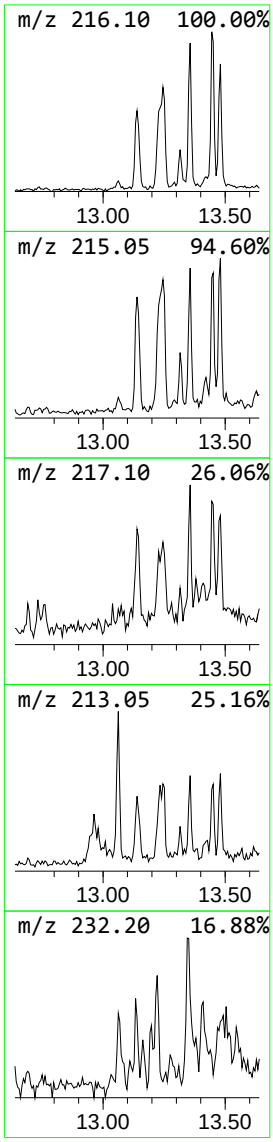
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.03 ng	57993	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	3-Pyridinamine, 6-chloro-N-(phen...	216	C12H9ClN2	005325-71-3	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

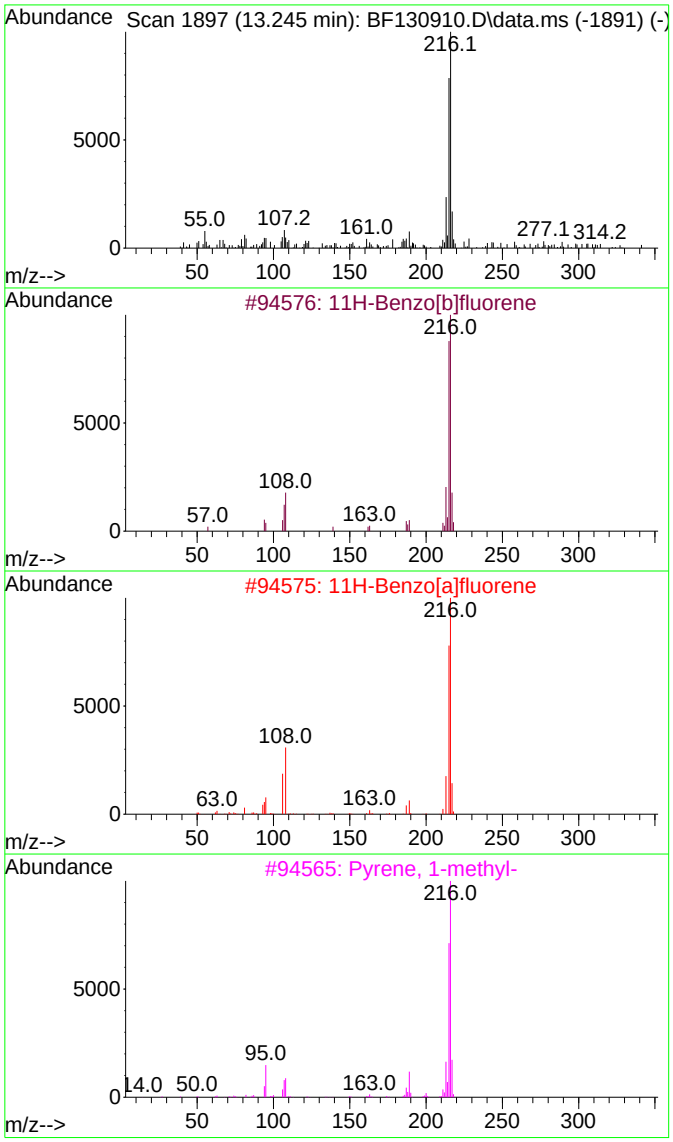
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

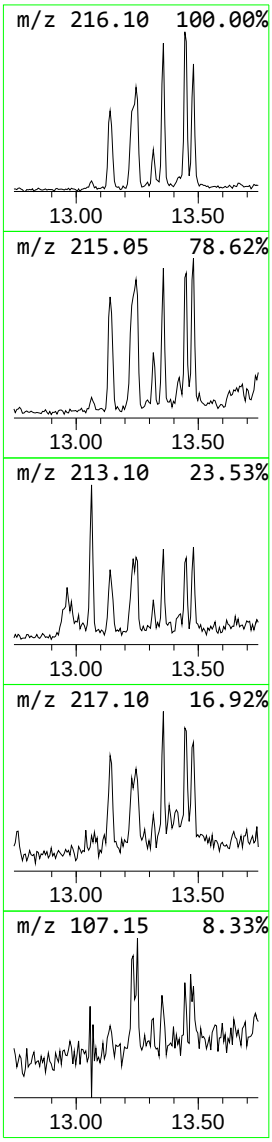
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	3.22 ng	92161	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.216	26.7	ng	772928	1	6.934	579434	20.0
2-Pentanone, 4-...	5.151	5.6	ng	161811	1	6.934	579434	20.0
Ethanol, 2-(2-b...	8.116	7.2	ng	233977	2	8.222	654043	20.0
Phenanthrene, 3...	12.527	2.1	ng	55942	4	11.475	539254	20.0
11H-Benzo[b]flu...	13.139	2.0	ng	57993	5	14.127	571973	20.0
11H-Benzo[a]flu...	13.245	3.2	ng	92161	5	14.127	571973	20.0