LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11978

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	4	13	22	rVB	1886322	3040079	100.00%	9.949%
2	3.398	216	222	235	rBV	46992	112917	3.71%	0.370%
3	5.087	503	509	524	rVB	140360	240182	7.90%	0.786%
4	5.481	570	576	581	rBV	2230126	2989102	98.32%	9.782%
5	6.486	741	747	766	rBV	2080587	3032607	99.75%	9.924%
6	6.845	803	808	814	rBV	526862	666104	21.91%	2.180%
7	7.416	898	905	910	rBV	1359009	1930776	63.51%	6.319%
8	7.663	942	947	958	rVB	44285	55624	1.83%	0.182%
9	8.128	1020	1026	1034	rBV	646663	820807	27.00%	2.686%
10	8.445	1075	1080	1092	rBV	68350	103109	3.39%	0.337%
11	9.210	1203	1210	1215	rBV	2256305	2860158	94.08%	9.360%
12	9.433	1244	1248	1252	rBV	33793	41002	1.35%	0.134%
13	9.522	1258	1263	1266	rBV	129511	178341	5.87%	0.584%
14	9.751	1298	1302	1307	rVB	27137	34988	1.15%	0.115%
15	9.886	1318	1325	1329	rBV	560427	720826	23.71%	2.359%
16	9.922	1329	1331	1335	rVV	75202	78094	2.57%	0.256%
17	9.980	1335	1341	1348	rVB2	58179	99871	3.29%	0.327%
18	10.092	1356	1360	1364	rBV	40502	50465	1.66%	0.165%
19	10.433	1415	1418	1423	rVB	42180	54760	1.80%	0.179%
20	10.504	1423	1430	1432	rBV3	15198	30897	1.02%	0.101%
21	10.680	1454	1460	1474	rBV	917778	1216566	40.02%	3.981%
22	10.786	1474	1478	1487	rVB2	129617	217893	7.17%	0.713%
23	10.986	1505	1512	1515	rBV3	23014	41591	1.37%	0.136%
24	11.186	1542	1546	1549	rBV2	58327	80774	2.66%	0.264%
25	11.227	1550	1553	1557	rVV2	24288	42245	1.39%	0.138%
26	11.274	1557	1561	1566	rVB	33508	48680	1.60%	0.159%
27	11.374	1573	1578	1581	rBV	431581	653762	21.50%	2.139%
28	11.398	1581	1582	1587	rVV	342223	303985	10.00%	0.995%
29	11.451	1587	1591	1595	rVV	84168	101471	3.34%	0.332%
30	11.610	1611	1618	1625	rBV3	47326	100549	3.31%	0.329%
31	11.768	1642	1645	1653	rVB4	20353	41568	1.37%	0.136%
32	11.874	1659	1663	1665	rBV	61312	84107	2.77%	0.275%
33	11.904	1665	1668	1673	rVB	157497	205143	6.75%	0.671%
34	11.992	1679	1683	1690	rVB	128445	217618	7.16%	0.712%
35	12.174	1710	1714	1716	rBV	38257	50775	1.67%	0.166%
36	12.198	1716	1718	1724	rVB	49873	58920	1.94%	0.193%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.427	1753	1757	1760	rBV	53707	86878	2.86%	0.284%
38	12.516	1768	1772	1778	rVB	110445	143958	4.74%	0.471%
39	12.592	1780	1785	1790	rBV	1022642	1279623	42.09%	4.188%
40	12.686	1798	1801	1805	rBV2	38112	43981	1.45%	0.144%
41	12.821	1817	1824	1829	rBV	921402	1370917	45.09%	4.486%
42	12.963	1840	1848	1855	rBV	1607421	2203379	72.48%	7.211%
43	13.039	1856	1861	1865	rBV3	81581	145793	4.80%	0.477%
44	13.145	1872	1879	1883	rVB2	119399	247475	8.14%	0.810%
45	13.215	1887	1891	1893	rBV	58685	66203	2.18%	0.217%
46	13.251	1893	1897	1900	rVV2	83304	105597	3.47%	0.346%
47	13.345	1909	1913	1915	rBV	55969	71114	2.34%	0.233%
48	13.392	1915	1921	1925	rVV2	209539	322628	10.61%	1.056%
49	13.657	1963	1966	1971	rVB	77593	101010	3.32%	0.331%
50	13.768	1980	1985	1987	rBV2	98500	148445	4.88%	0.486%
51	13.862	1998	2001	2005	rVB	134920	168162	5.53%	0.550%
52	14.015	2019	2027	2031	rBV3	600067	1276283	41.98%	4.177%
53	14.645	2130	2134	2138	rBV	78303	124623	4.10%	0.408%
54	15.062	2200	2205	2212	rBV	258674	531119	17.47%	1.738%
55	15.168	2219	2223	2235	rVB	108381	227237	7.47%	0.744%
56	15.362	2252	2256	2262	rVB	123616	187521	6.17%	0.614%
57	15.427	2262	2267	2272	rVV	133776	202288	6.65%	0.662%
58	15.486	2272	2277	2290	rVB2	205946	395187	13.00%	1.293%
59	15.939	2350	2354	2360	rVB	51885	84069	2.77%	0.275%
60	16.956	2522	2527	2533	rBV2	63637	135880	4.47%	0.445%
61	17.403	2599	2603	2619	rVB	52306	124681	4.10%	0.408%
62	17.556	2624	2629	2641	rVB6	54880	156705	5.15%	0.513%

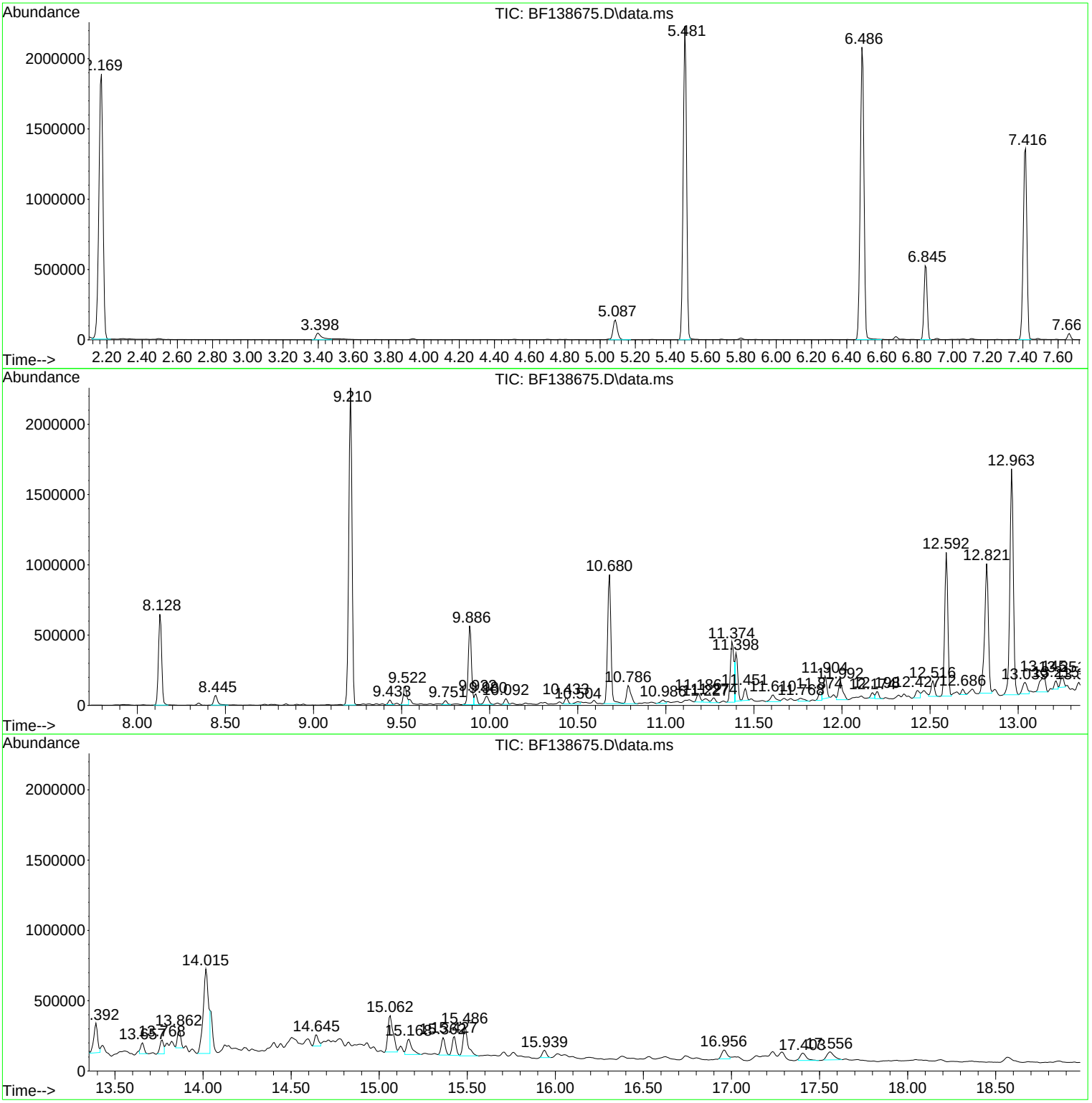
Sum of corrected areas: 30557112

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

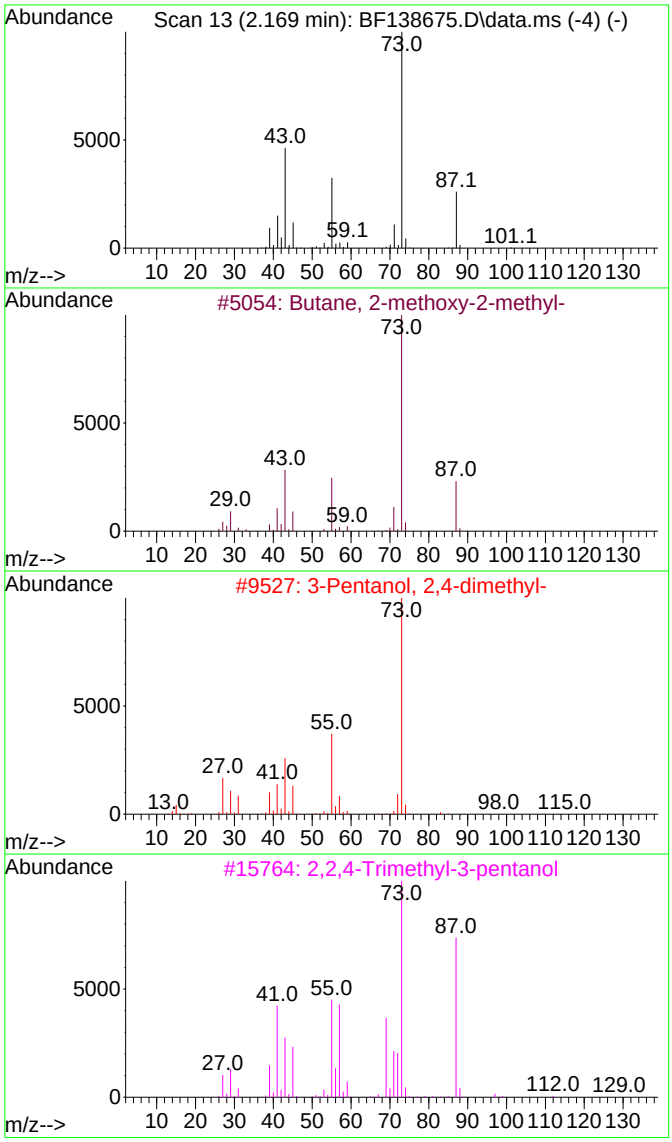
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

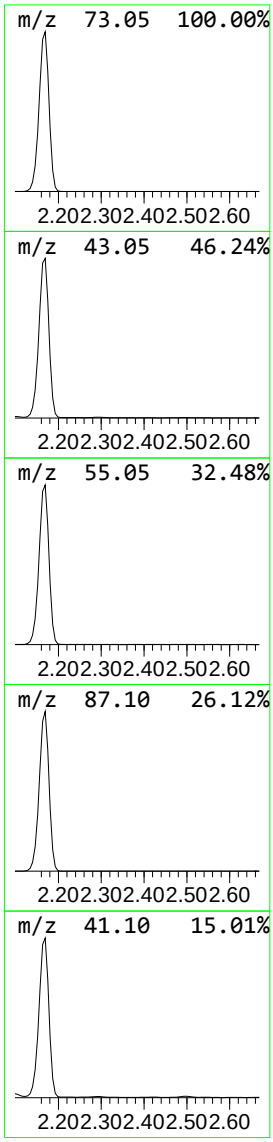
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	91.28 ng	3040080	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

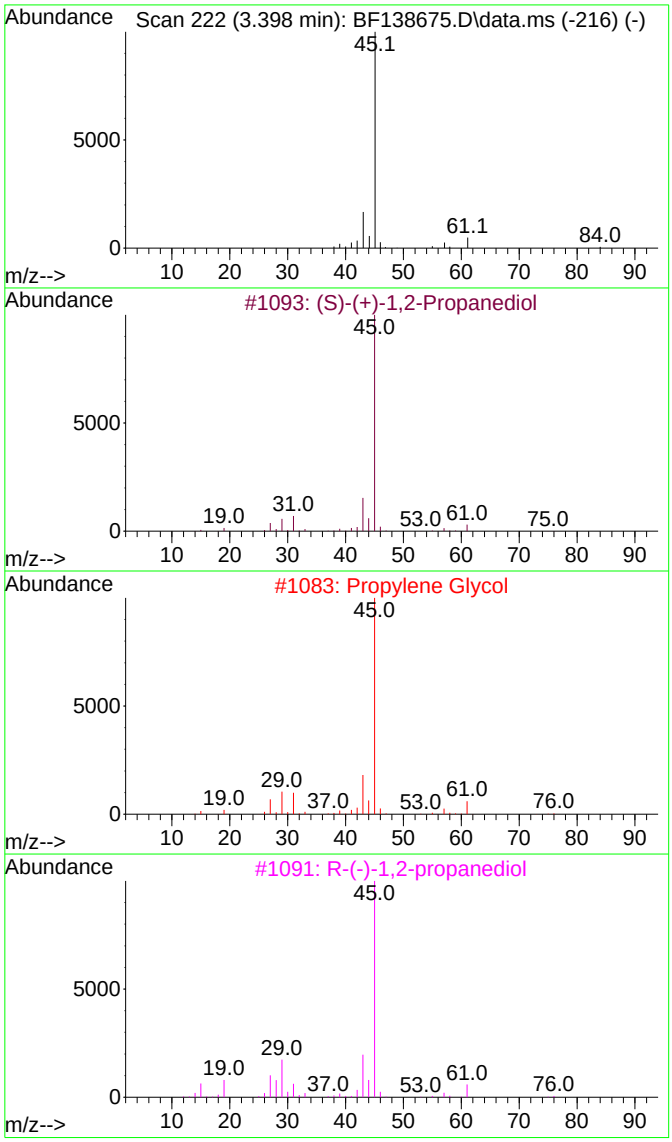
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

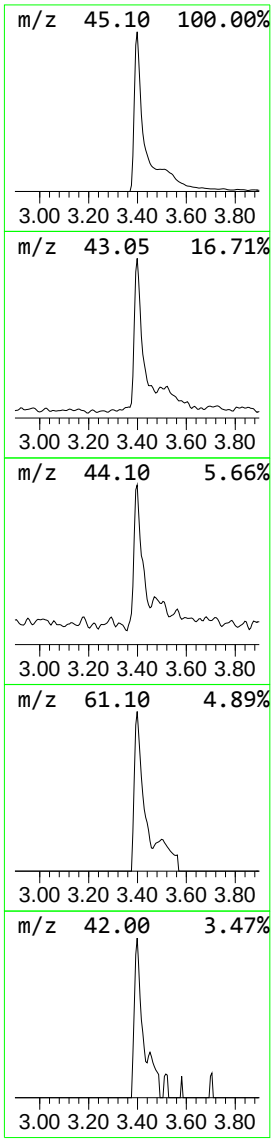
****

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.398	3.39 ng	112917	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	2-Butanol	74	C4H10O	000078-92-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

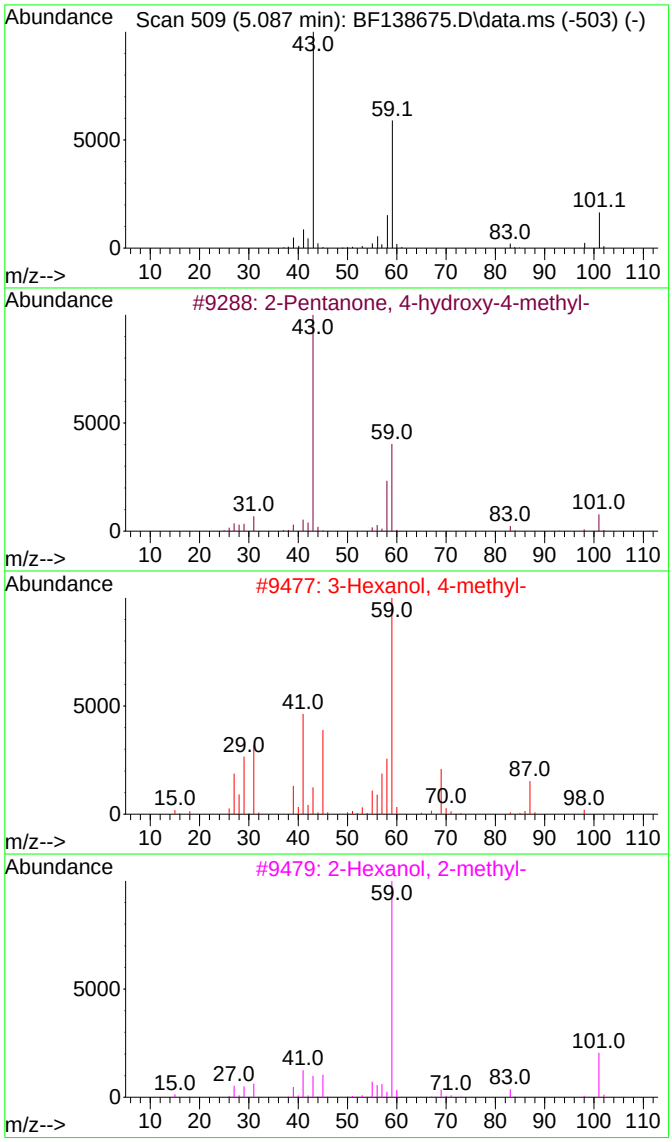
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

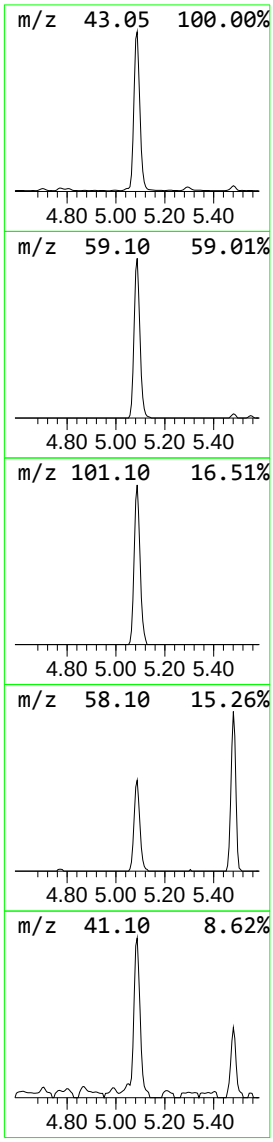
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	7.21 ng	240182	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

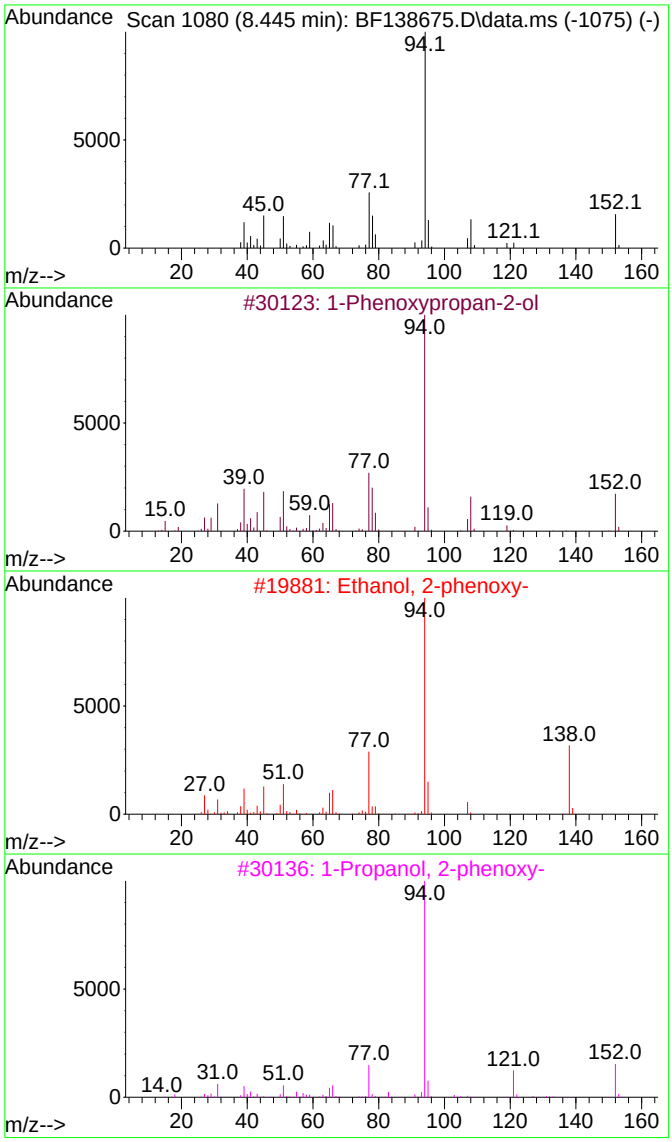
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

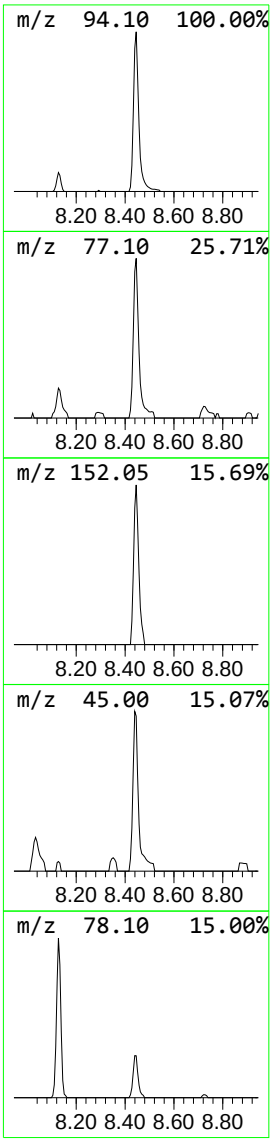
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	2.51 ng	103109	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
3	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	64
5	Benzene, (1-methylpropoxy)-	150	C10H14O	010574-17-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

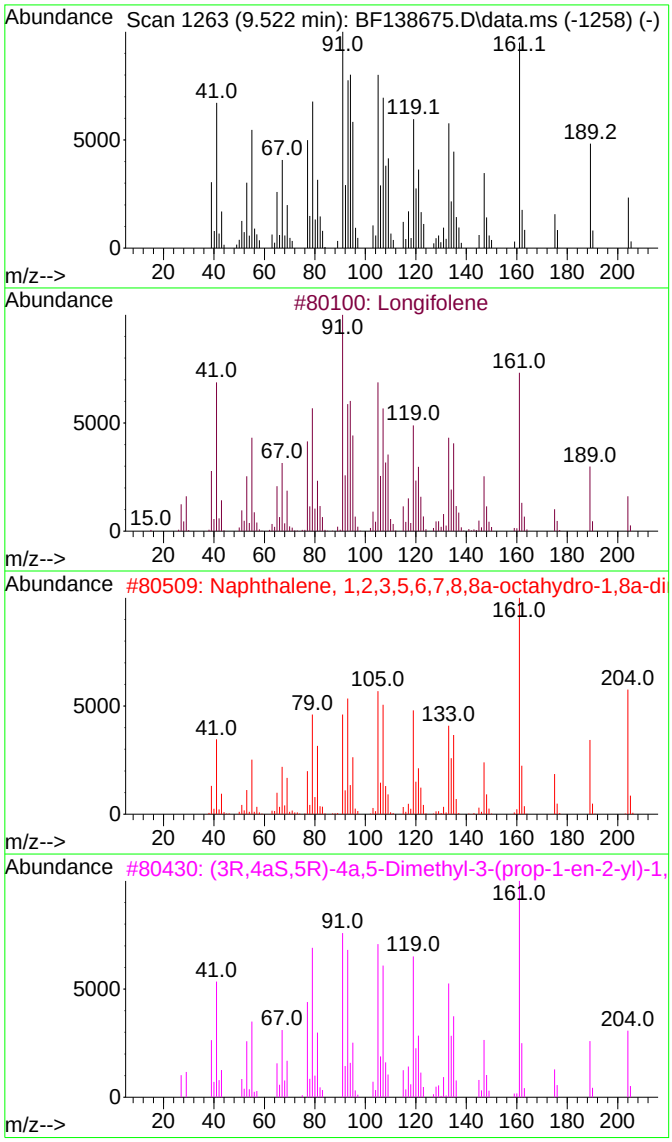
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

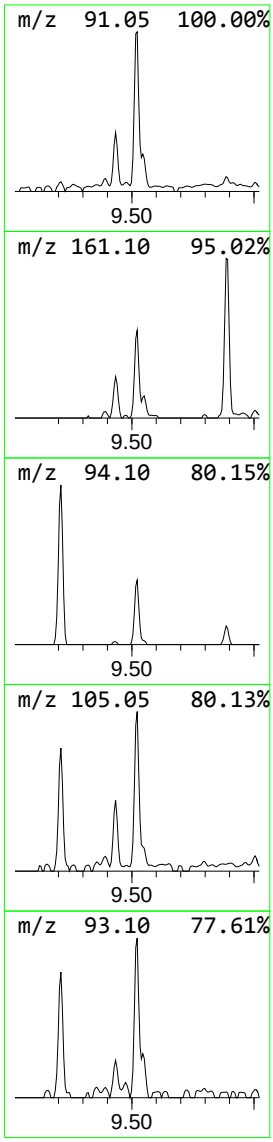
****

Peak Number 5 Longifolene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	4.95 ng	178341	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	90
3	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	90
4	Aromandendrene	204	C15H24	000489-39-4	89
5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	86





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Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

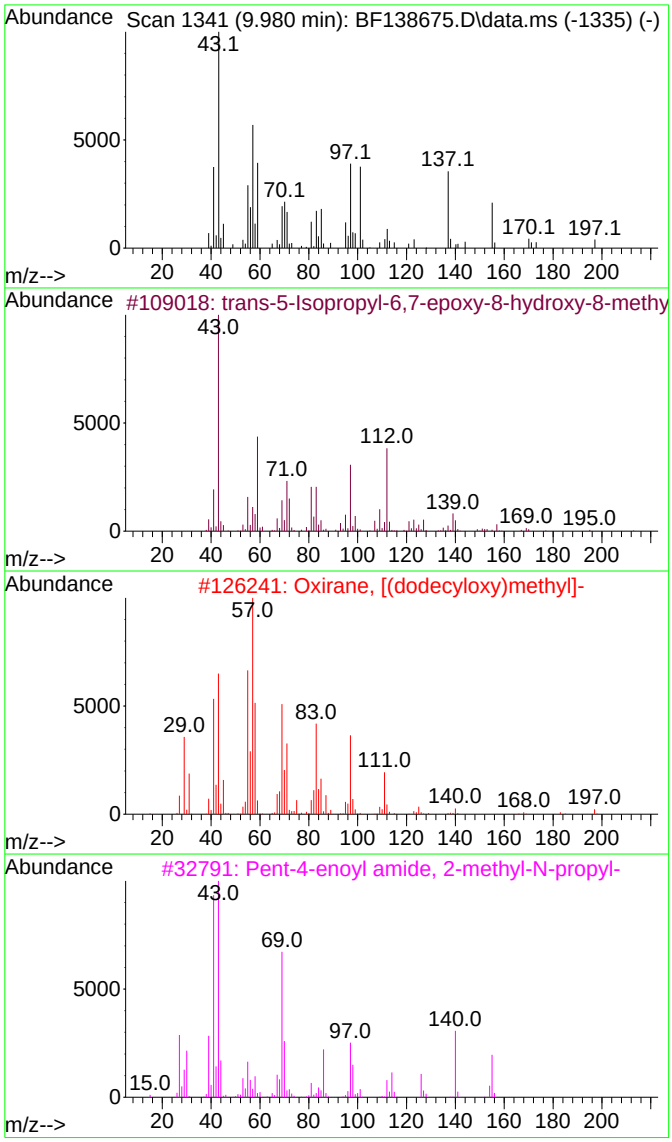
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

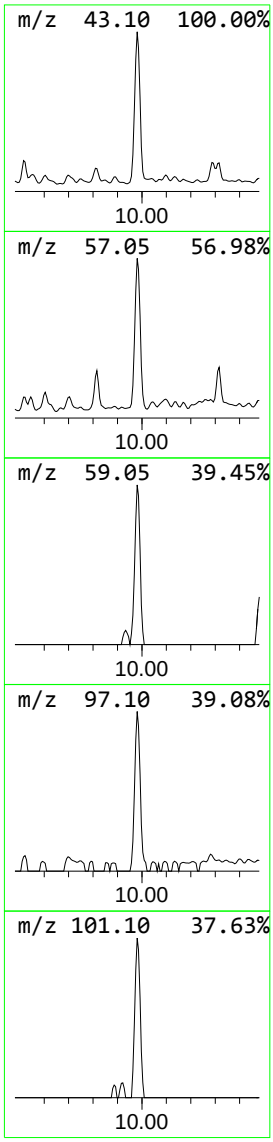
****

Peak Number 6 unknown9.980 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.980	2.77 ng	99871	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	16
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	16
3	Pent-4-enoyl amide, 2-methyl-N-p...	155	C9H17NO	1000420-35-2	14
4	(1S,2R,4R,7R)-4-Isopropyl-7-meth...	168	C10H16O2	001619-26-7	14
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

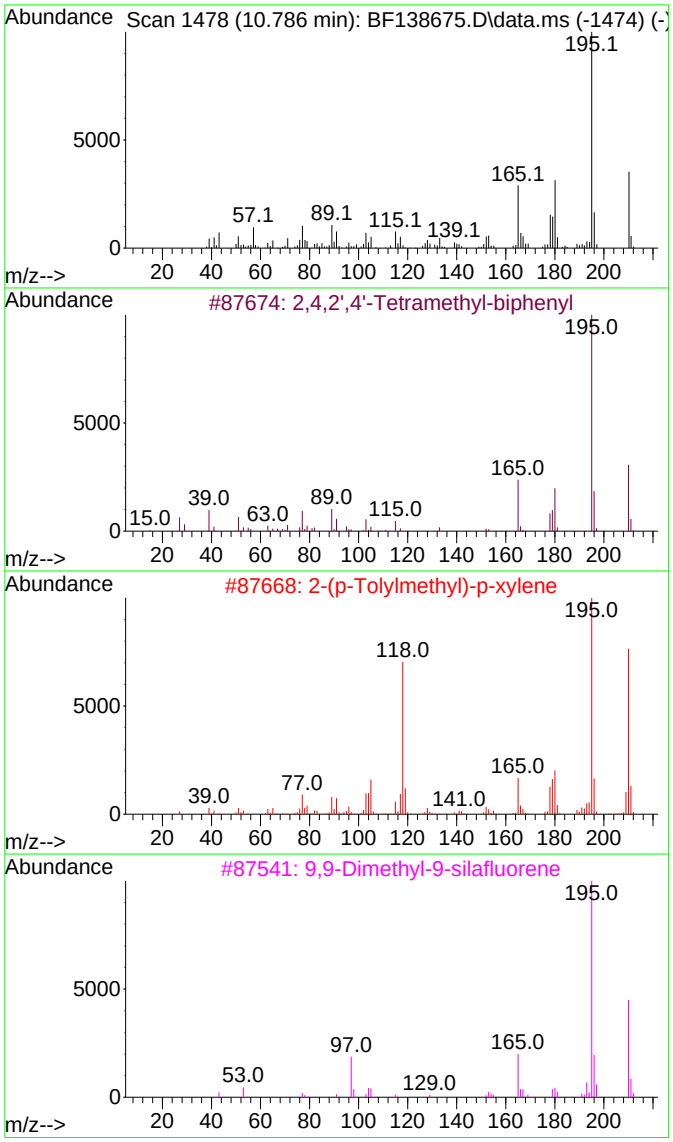
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

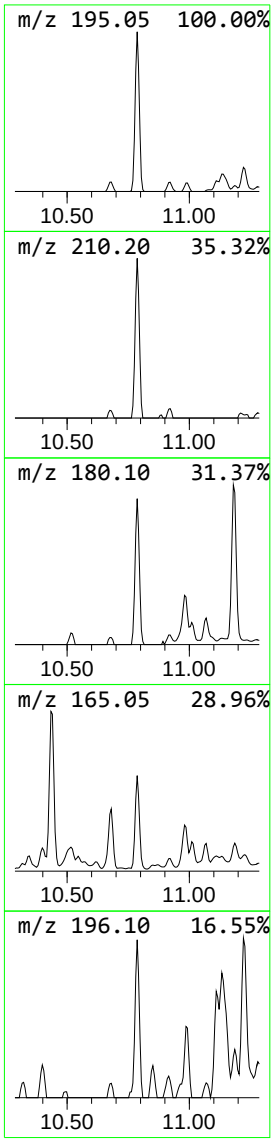
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	6.67 ng	217893	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	93
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	76
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	52
5	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	50





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Sample : P3362-04
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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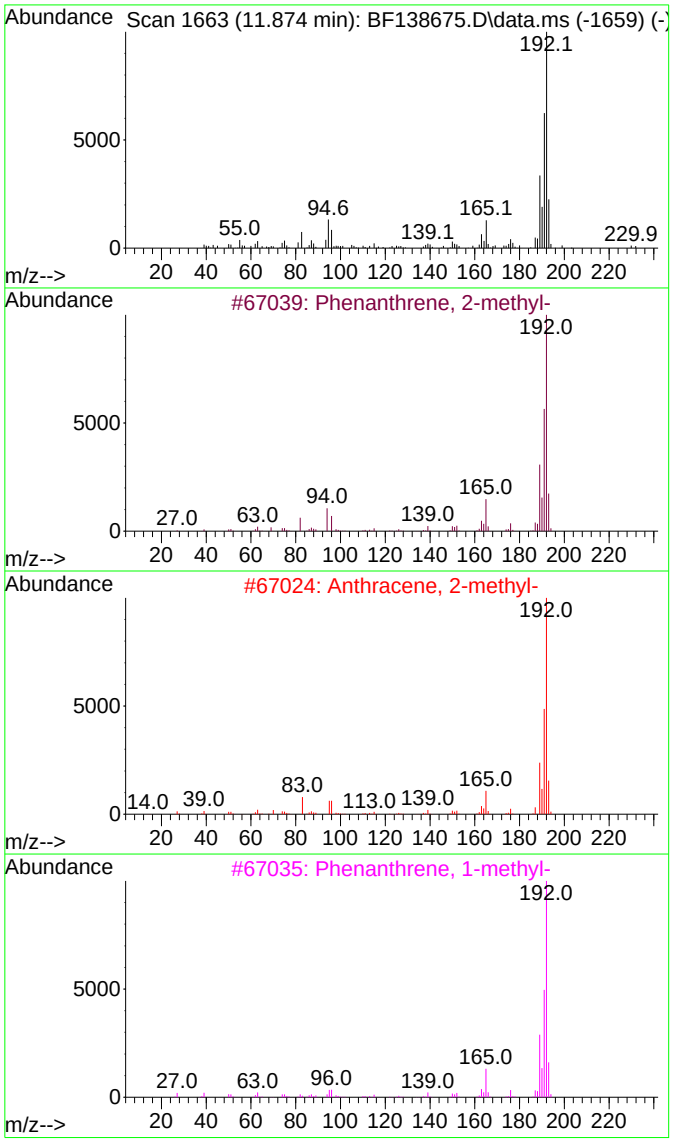
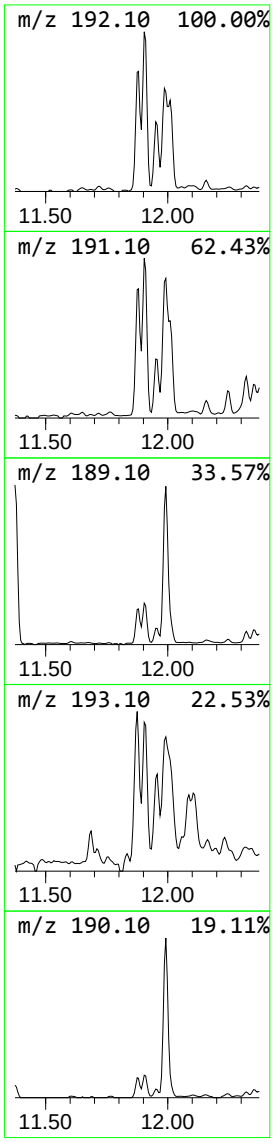
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.57 ng	84107	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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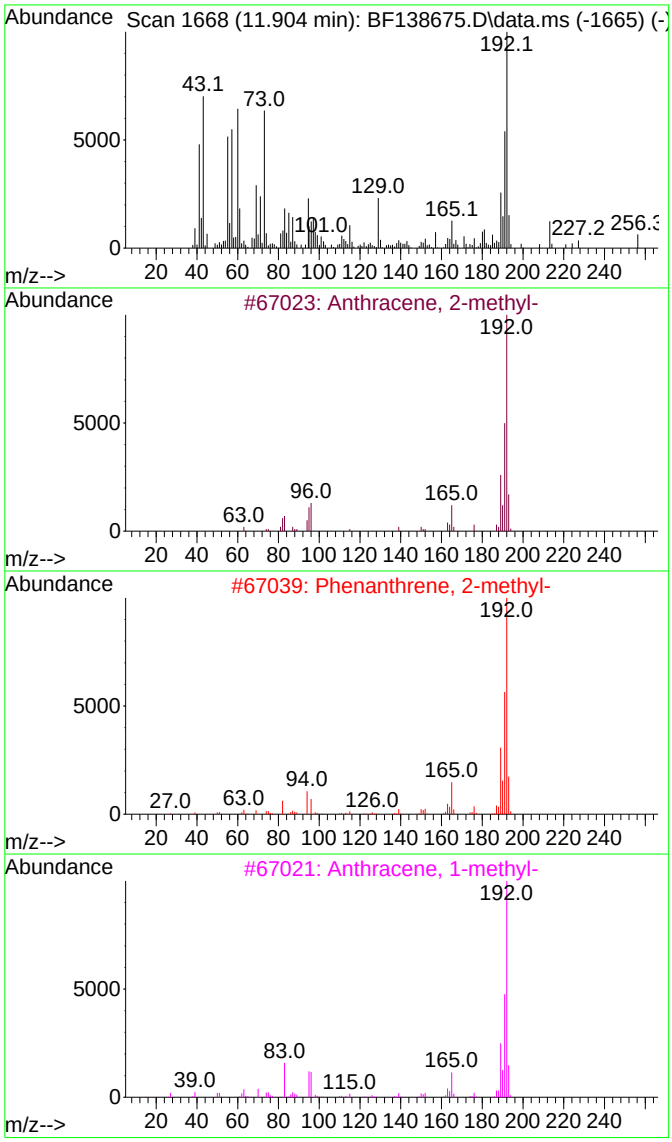
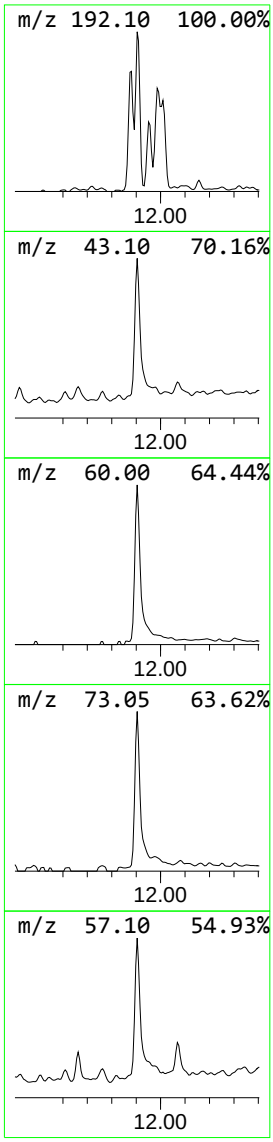
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.28 ng	205143	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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ClientSampleId :
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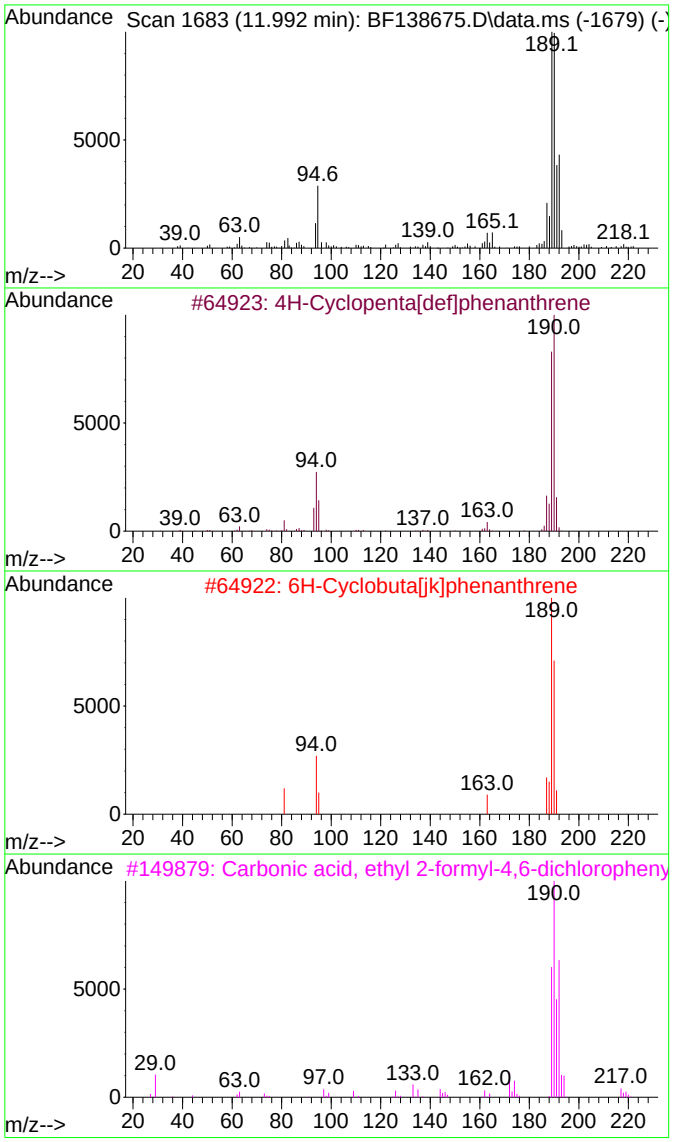
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

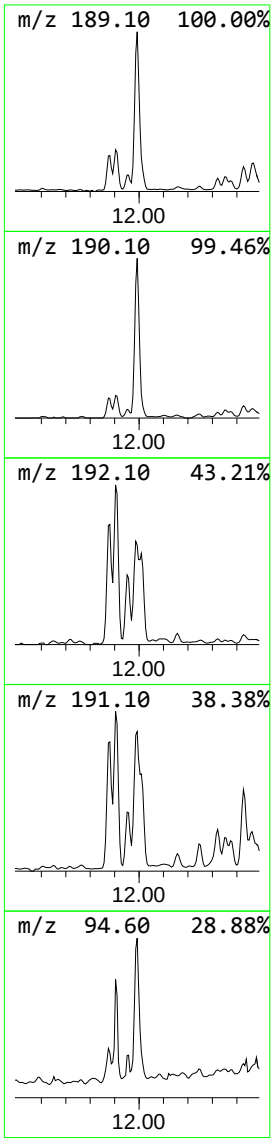
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	6.66 ng	217618	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	25





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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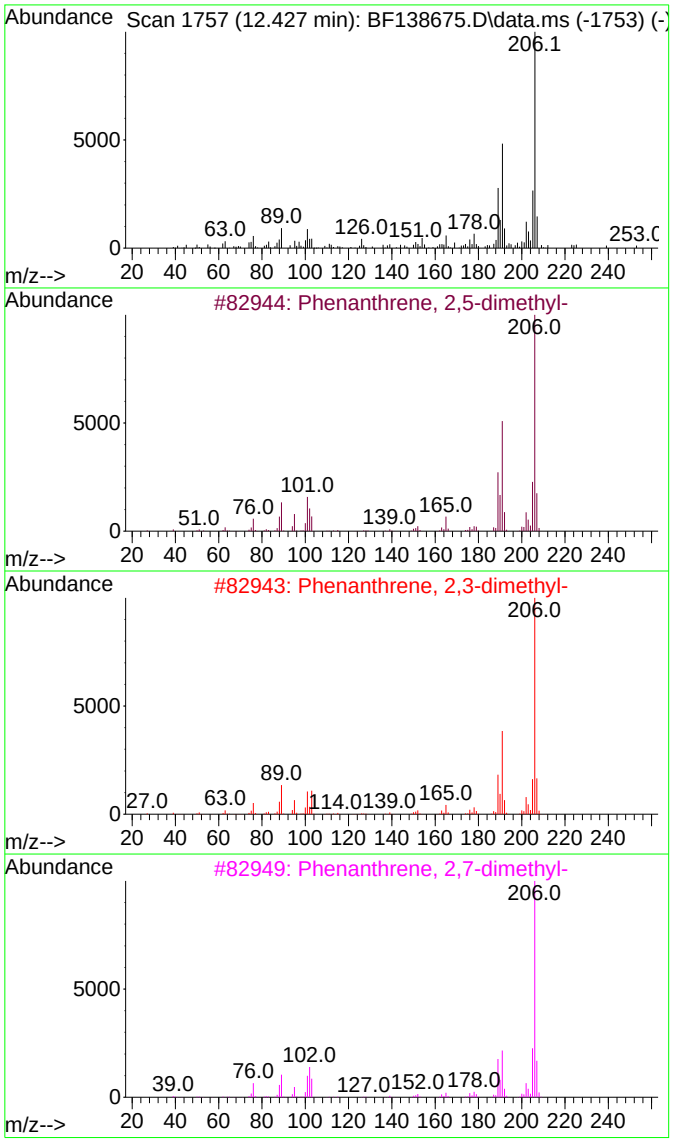
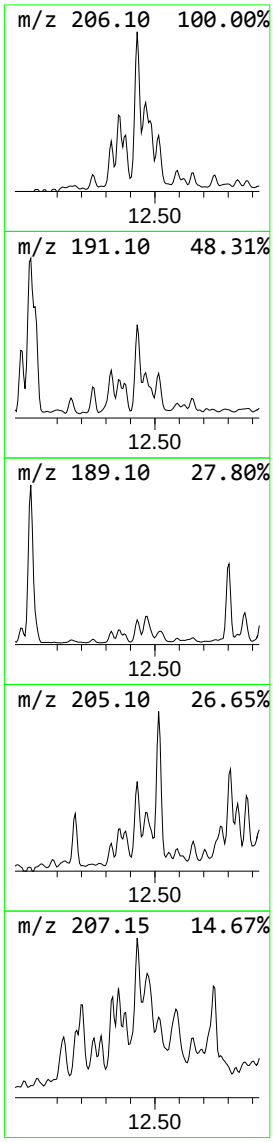
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	2.66 ng	86878	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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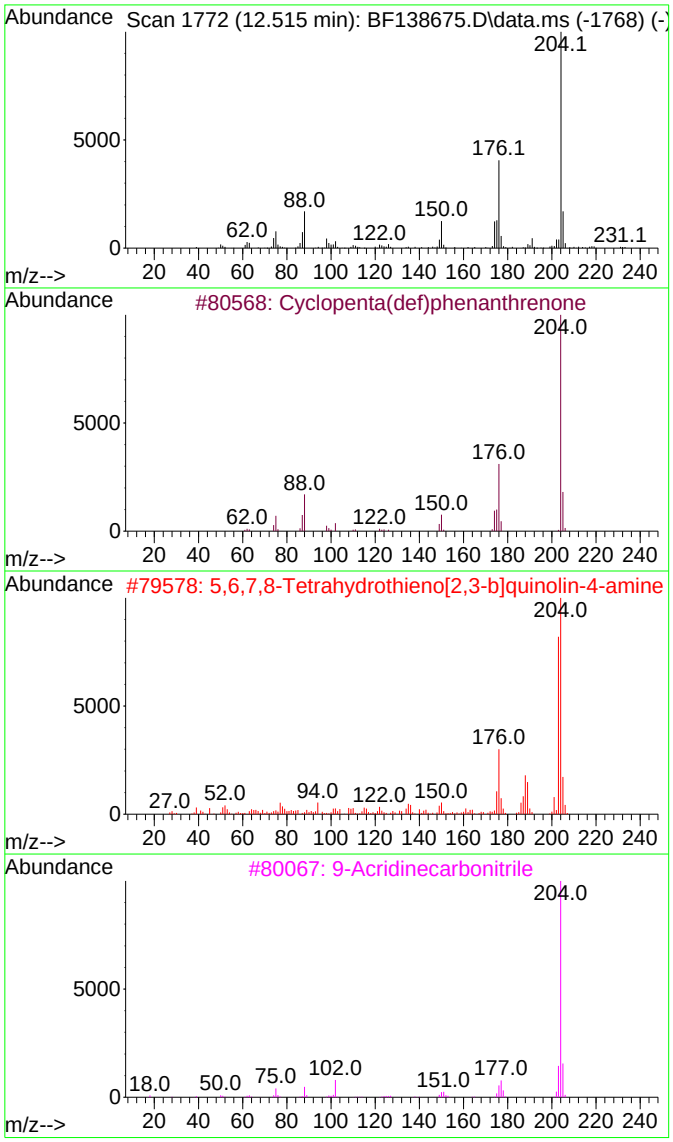
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

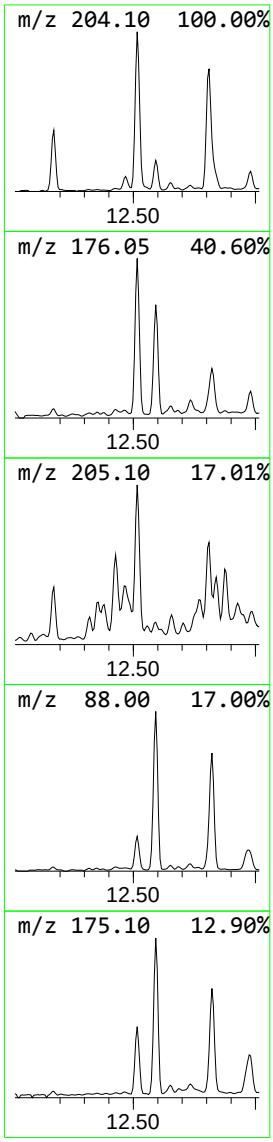
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	4.40 ng	143958	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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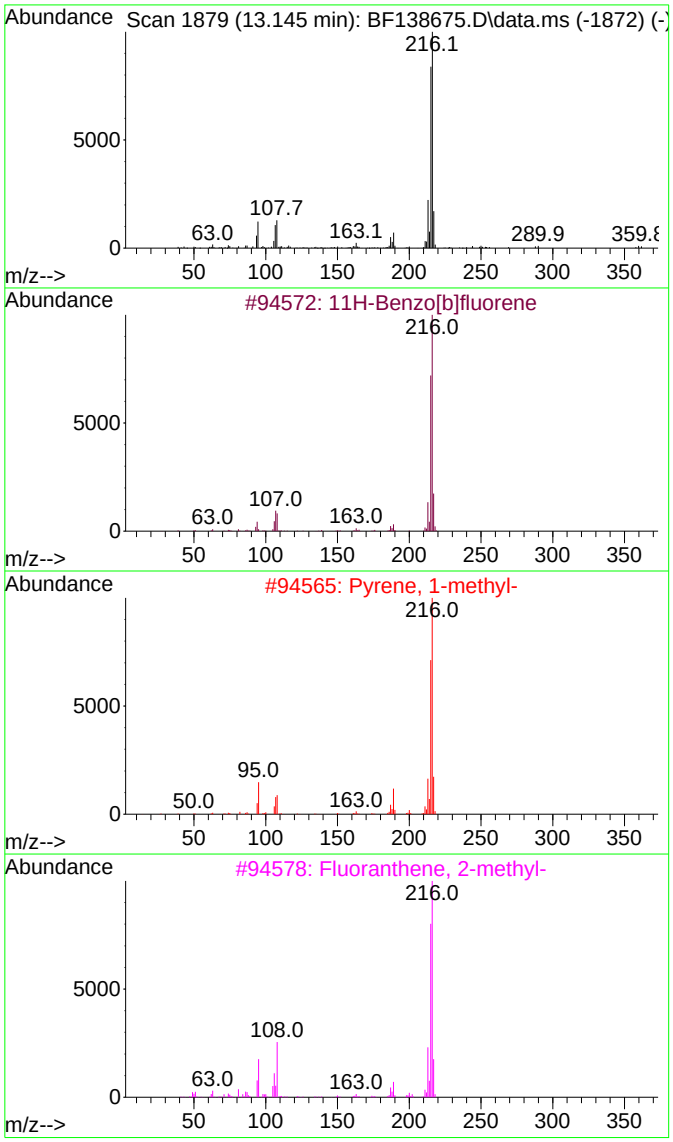
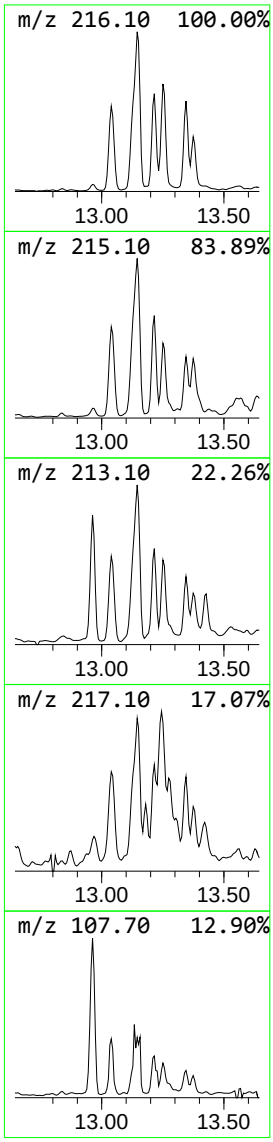
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	3.88 ng	247475	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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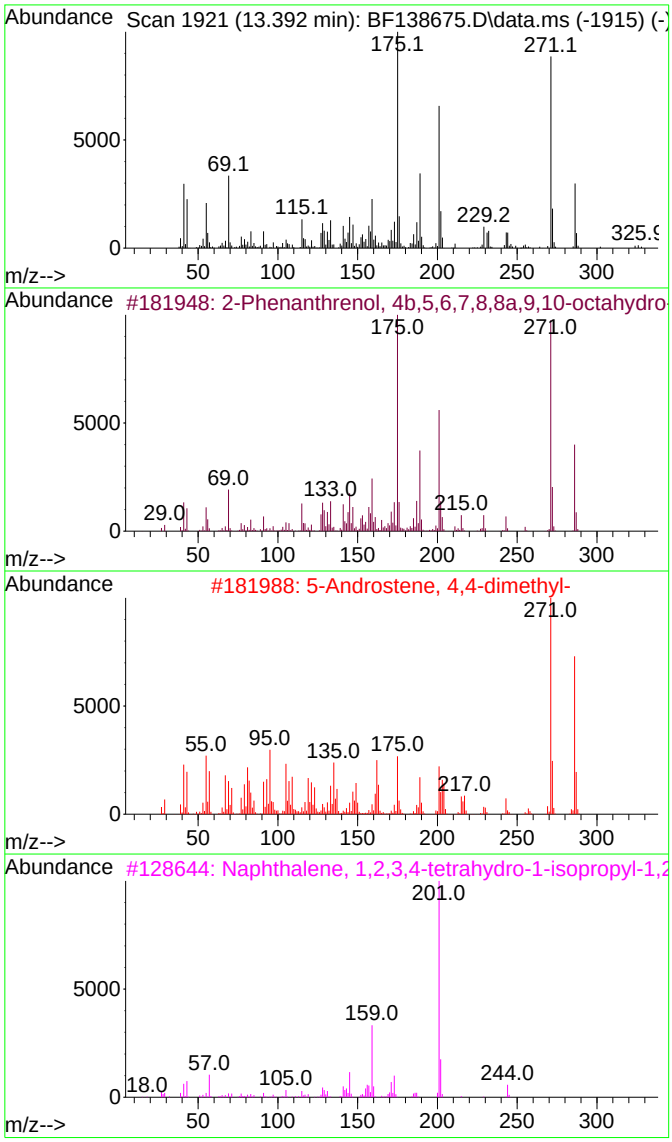
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

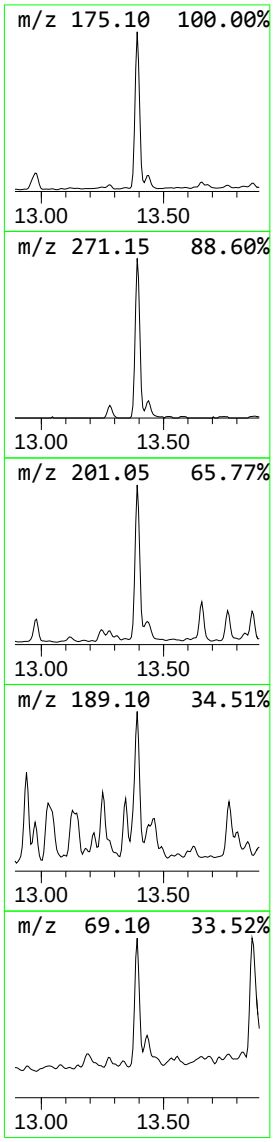
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	5.06 ng	322628	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	44
4	Pisiferol	302	C20H30O2	024035-36-7	38
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	35





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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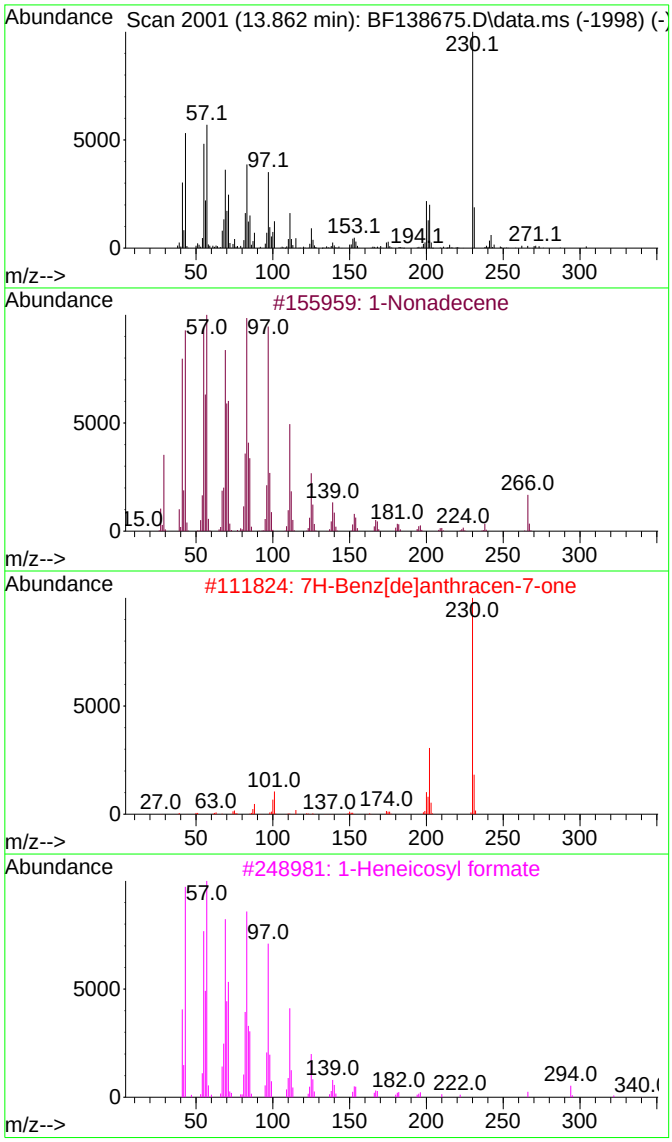
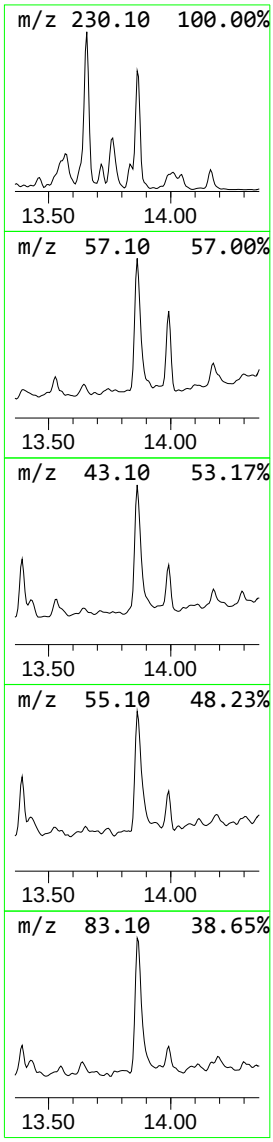
Peak Number 16 1-Nonadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	2.64 ng	168162	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	74
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	38
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	38
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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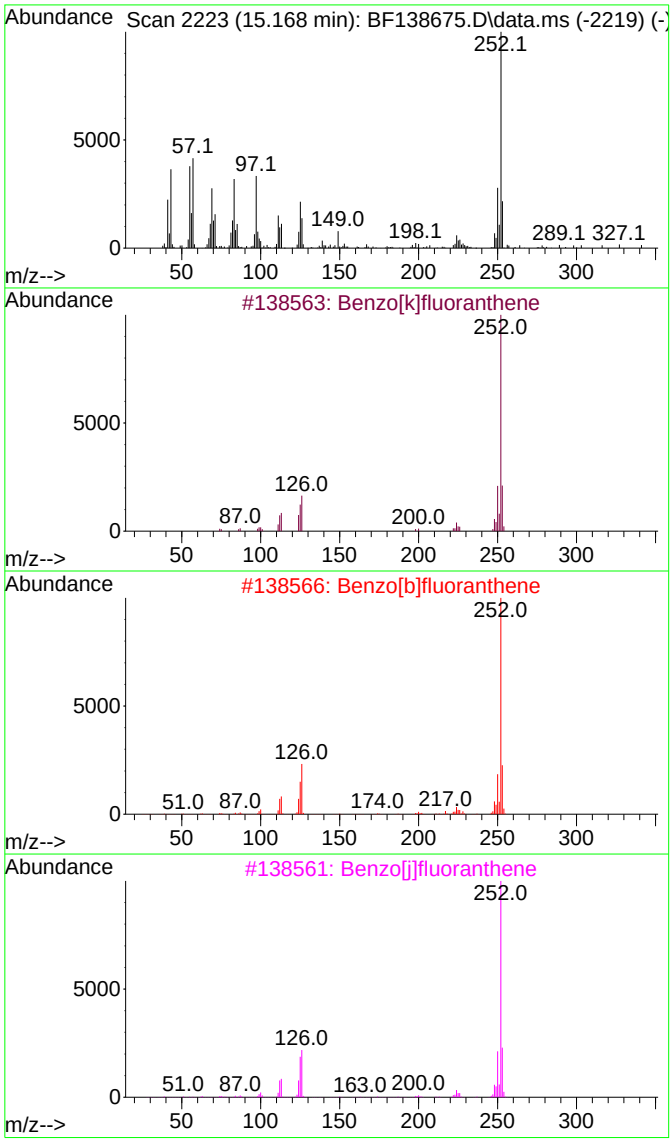
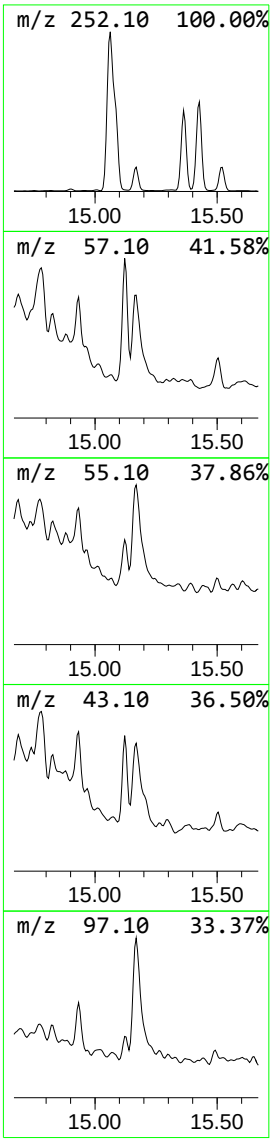
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	11.50 ng	227237	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Benzo[e]pyrene	252	C20H12	000192-97-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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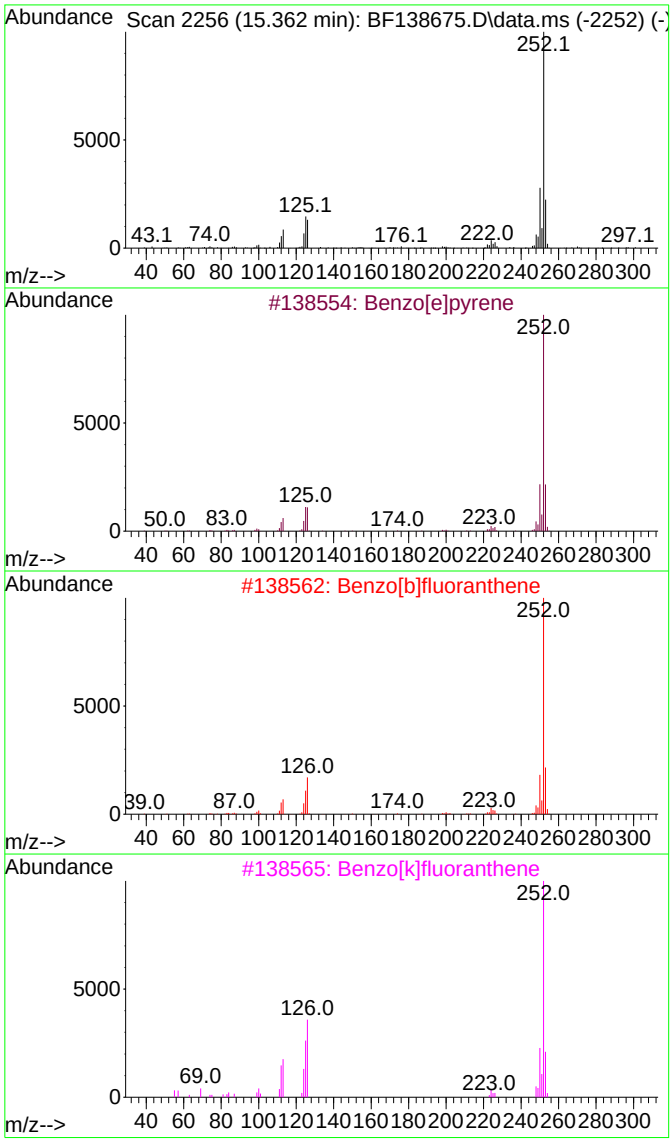
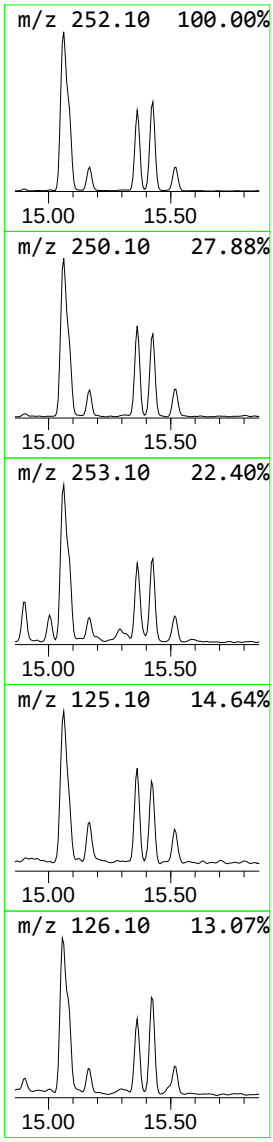
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	9.49 ng	187521	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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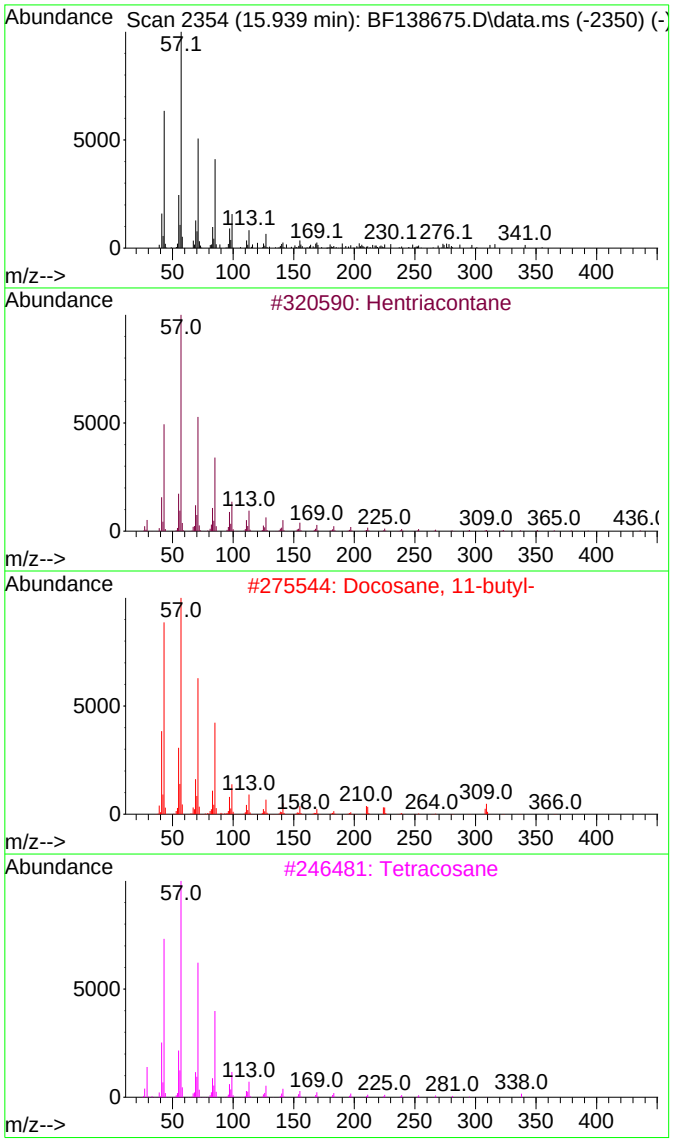
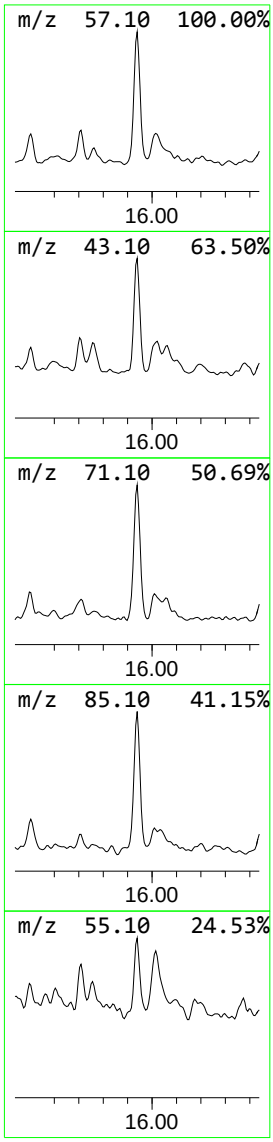
Peak Number 19 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	4.25 ng	84069	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane	296	C21H44	000629-94-7	74





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
72-11978

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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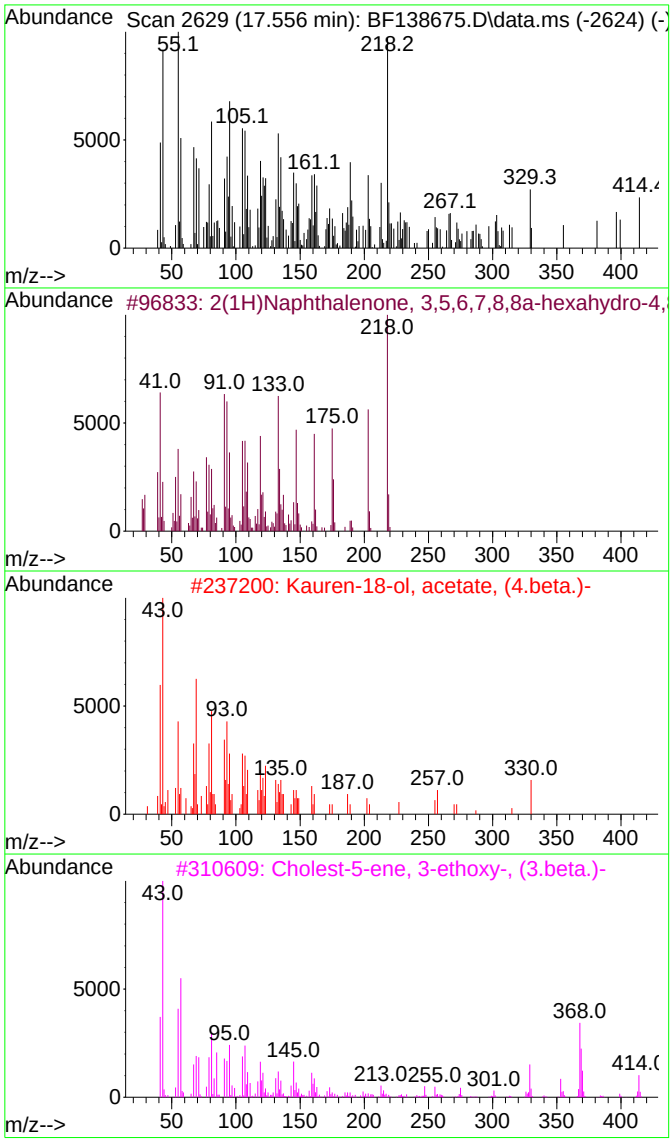
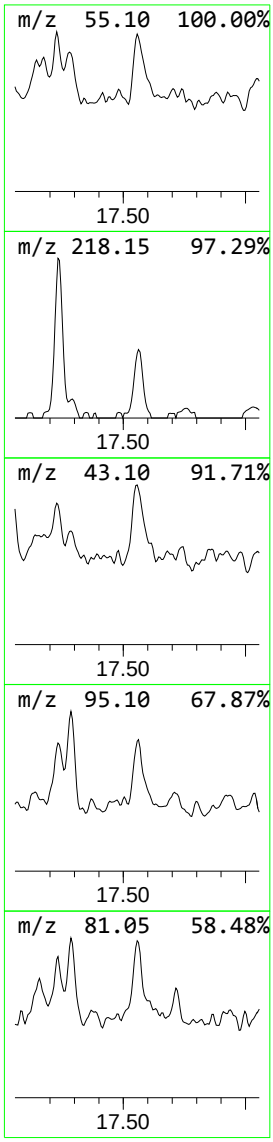
Peak Number 20 unknown17.556 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.556	7.93 ng	156705	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	49
2	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	46
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	43
4	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	41
5	3-epi-Cedrenal	218	C15H22O	1000465-27-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
Data File : BF138675.D
Acq On : 29 Jul 2024 18:14
Operator : RC/JU
Sample : P3362-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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...	2.169	91.3	ng	3040080	1	6.851	666104	20.0
(S)-(+)-1,2-Pro...	3.398	3.4	ng	112917	1	6.851	666104	20.0
2-Pentanone, 4-...	5.087	7.2	ng	240182	1	6.851	666104	20.0
1-Phenoxypropan...	8.445	2.5	ng	103109	2	8.128	820807	20.0
Longifolene	9.522	5.0	ng	178341	3	9.886	720826	20.0
unknown9.980	9.980	2.8	ng	99871	3	9.886	720826	20.0
2,4,2',4'-Tetra...	10.786	6.7	ng	217893	4	11.374	653762	20.0
Phenanthrene, 2...	11.874	2.6	ng	84107	4	11.374	653762	20.0
Anthracene, 2-m...	11.904	6.3	ng	205143	4	11.374	653762	20.0
4H-Cyclopenta[d...	11.992	6.7	ng	217618	4	11.374	653762	20.0
Phenanthrene, 2...	12.427	2.7	ng	86878	4	11.374	653762	20.0
Cyclopenta(def)...	12.515	4.4	ng	143958	4	11.374	653762	20.0
11H-Benzo[b]flu...	13.145	3.9	ng	247475	5	14.021	1276280	20.0
2-Phenanthrenol...	13.392	5.1	ng	322628	5	14.021	1276280	20.0
1-Nonadecene	13.863	2.6	ng	168162	5	14.021	1276280	20.0
Benzo[j]fluoran...	15.168	11.5	ng	227237	6	15.486	395187	20.0
Benzo[e]pyrene	15.362	9.5	ng	187521	6	15.486	395187	20.0
Hentriacontane	15.939	4.3	ng	84069	6	15.486	395187	20.0
unknown17.556	17.556	7.9	ng	156705	6	15.486	395187	20.0