LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.928	3	7	26	rVB	5112110	7055926	100.00%	15.495%
2	3.087	28	34	44	rVV	93386	198565	2.81%	0.436%
3	3.175	44	49	63	rVB	280543	420221	5.96%	0.923%
4	5.811	490	497	514	rBV	2446965	3727993	52.83%	8.187%
5	7.458	769	777	790	rBV	2229625	3748754	53.13%	8.232%
6	7.852	839	844	851	rBV	69457	104043	1.47%	0.228%
7	8.281	909	917	924	rBV	556770	886005	12.56%	1.946%
8	9.446	1103	1115	1126	rBV	1450155	2476336	35.10%	5.438%
9	11.116	1389	1399	1405	rBV	684399	1216629	17.24%	2.672%
10	13.528	1802	1809	1823	rBV	2996136	4500145	63.78%	9.883%
11	13.728	1838	1843	1850	rBV3	52061	110537	1.57%	0.243%
12	14.234	1924	1929	1934	rBV2	44790	85110	1.21%	0.187%
13	14.328	1941	1945	1952	rBV	384598	587853	8.33%	1.291%
14	14.628	1992	1996	2002	rBV	90604	138083	1.96%	0.303%
15	14.910	2038	2044	2050	rVV	943610	1420161	20.13%	3.119%
16	14.969	2050	2054	2061	rVB	57382	85575	1.21%	0.188%
17	15.298	2105	2110	2115	rVB2	54986	89563	1.27%	0.197%
18	15.945	2215	2220	2231	rBV	87202	167396	2.37%	0.368%
19	16.392	2290	2296	2311	rBV	2223234	3239696	45.91%	7.115%
20	16.616	2330	2334	2340	rVB2	96364	142572	2.02%	0.313%
21	17.151	2420	2425	2434	rBV	208813	382794	5.43%	0.841%
22	17.433	2469	2473	2475	rBV2	48055	70599	1.00%	0.155%
23	17.639	2503	2508	2512	rBV	1080027	1614887	22.89%	3.546%
24	17.680	2512	2515	2523	rVV	623592	938695	13.30%	2.061%
25	17.775	2526	2531	2536	rVB	241762	344017	4.88%	0.755%
26	18.492	2648	2653	2656	rBV	150137	228326	3.24%	0.501%
27	18.533	2657	2660	2664	rVB	150789	201403	2.85%	0.442%
28	18.580	2664	2668	2670	rBV	92063	109181	1.55%	0.240%
29	18.680	2680	2685	2688	rBV2	193637	358449	5.08%	0.787%
30	18.957	2729	2732	2735	rBV2	68658	93940	1.33%	0.206%
31	19.227	2775	2778	2784	rBV2	174427	266737	3.78%	0.586%
32	19.363	2797	2801	2805	rBV2	139603	227866	3.23%	0.500%
33	19.616	2840	2844	2849	rBV	919062	1237465	17.54%	2.718%
34	19.969	2900	2904	2911	rVB	927883	1257448	17.82%	2.761%
35	20.139	2928	2933	2938	rBV	4277473	5043747	71.48%	11.076%
36	21.321	3131	3134	3138	rBV	654339	796795	11.29%	1.750%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.674	3189	3194	3198	rBV2	1143360	1962910	27.82%	4.311%

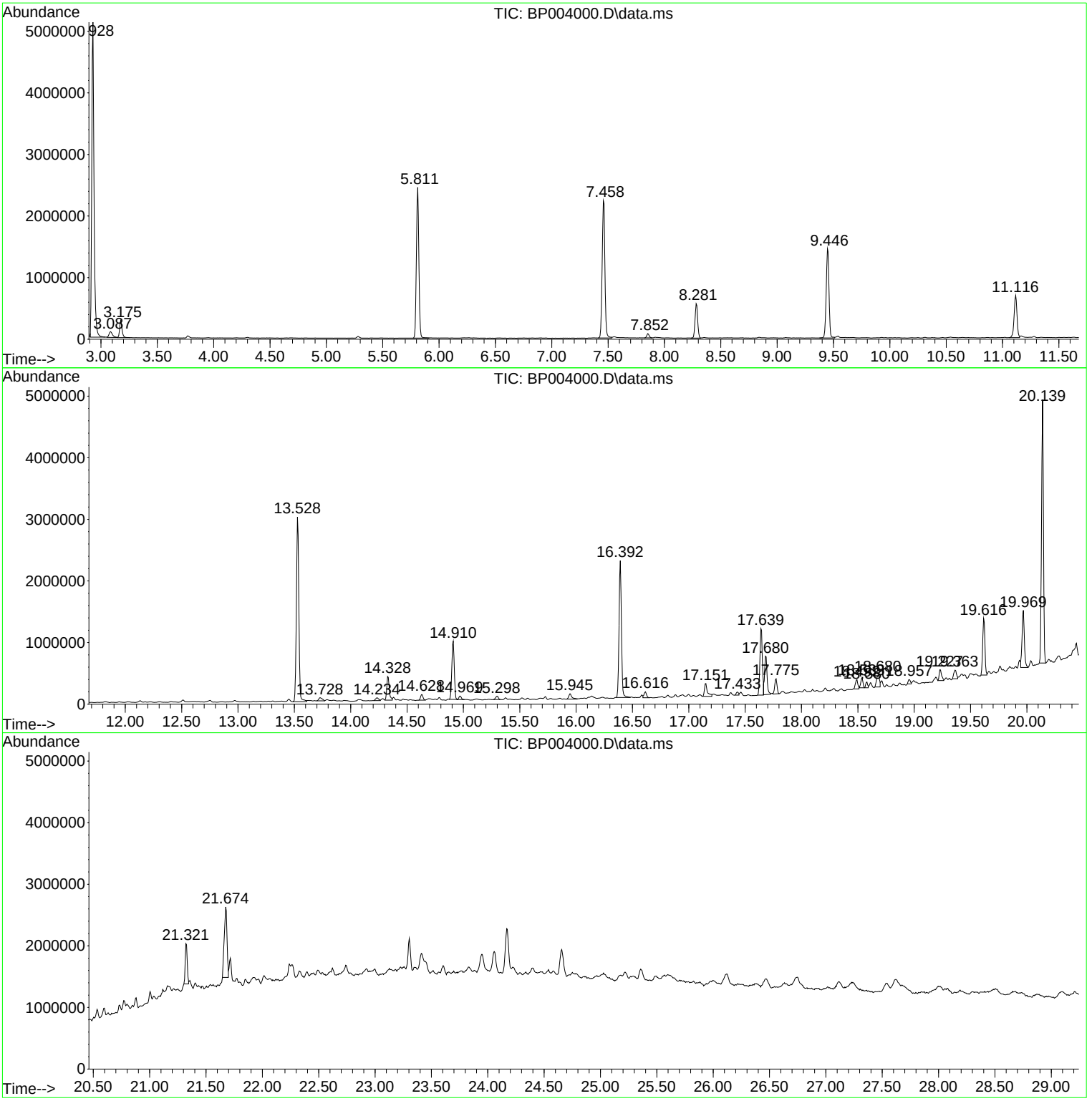
Sum of corrected areas: 45536422

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

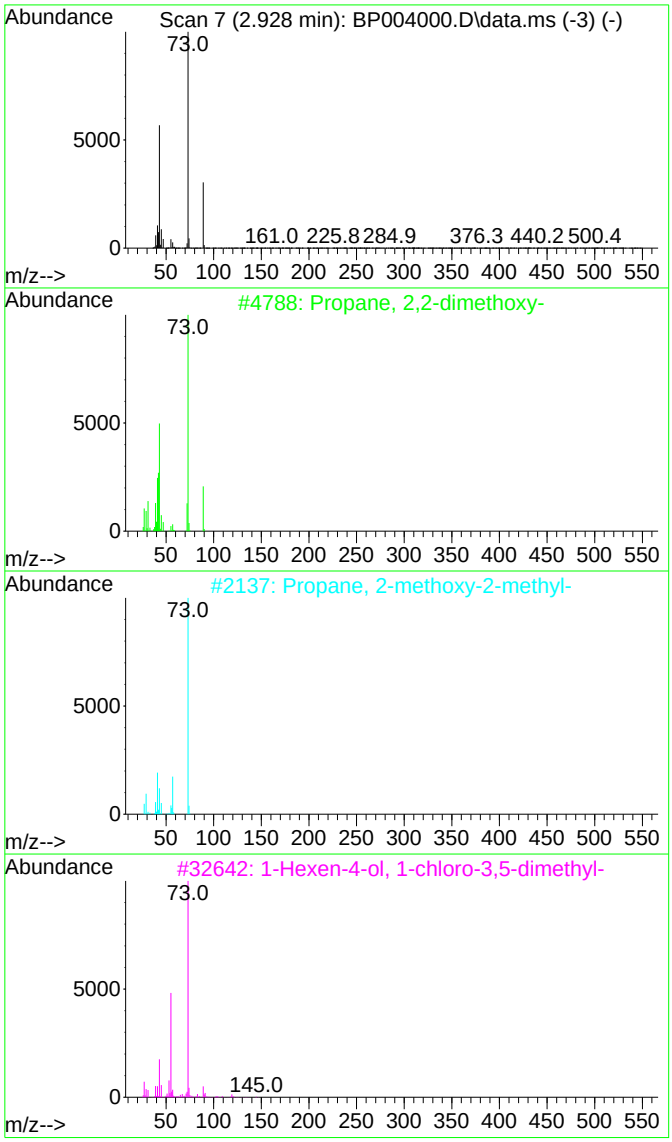
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

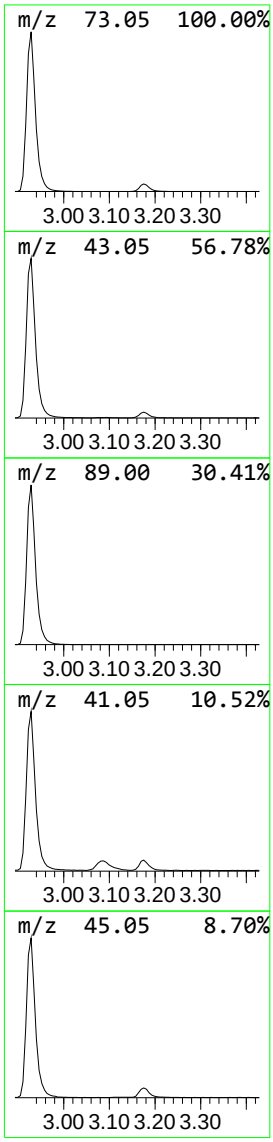
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.928	159.28 ng	7055930	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

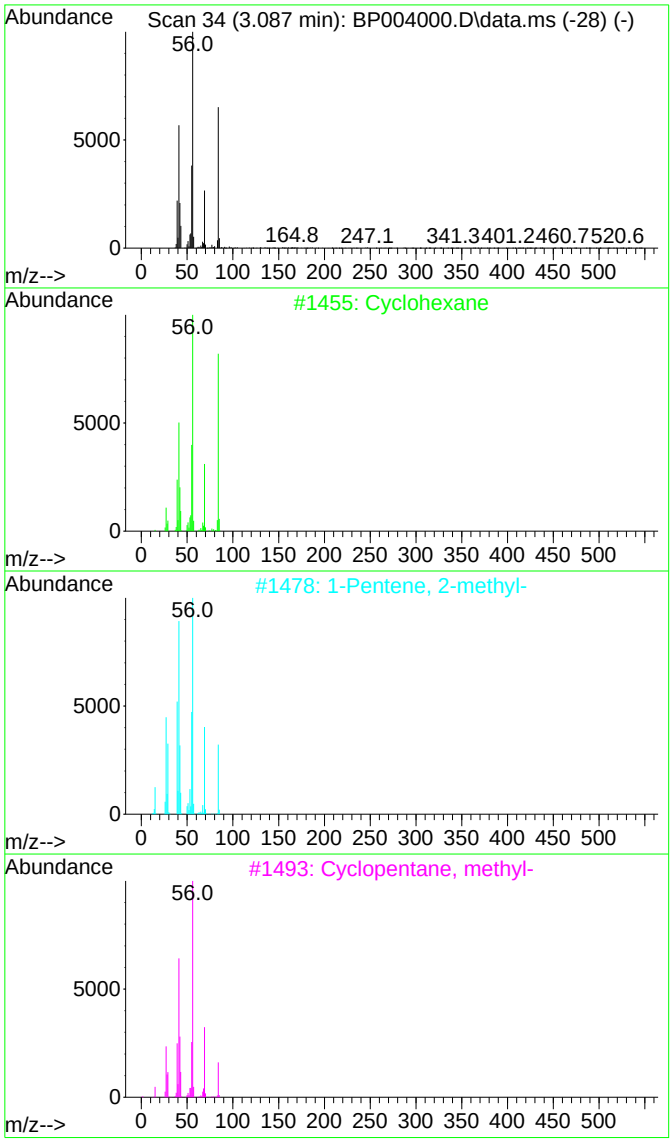
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

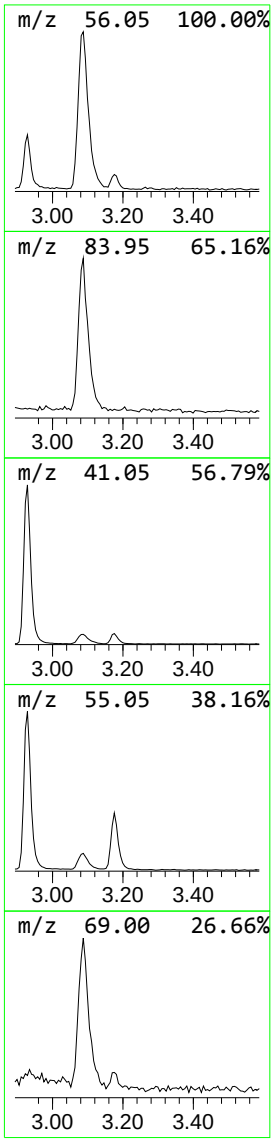
****

Peak Number 2 Cyclohexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	4.48 ng	198565	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	56
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	56
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

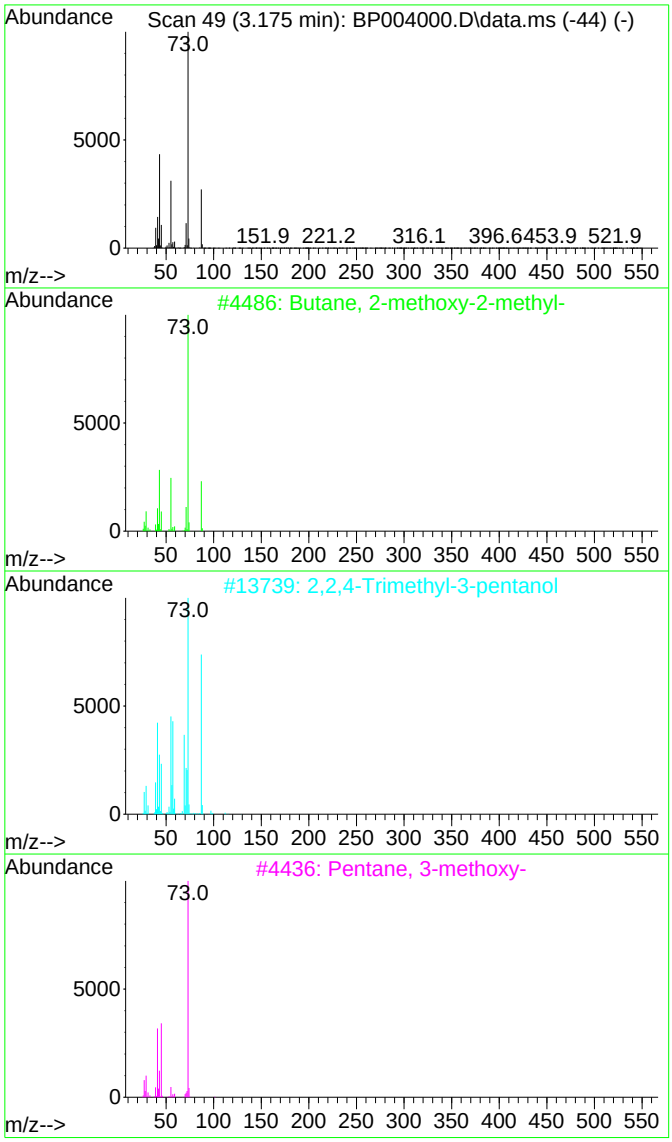
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

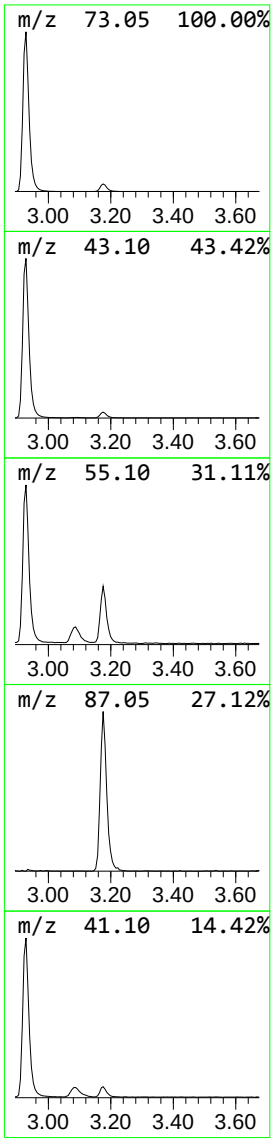
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	9.49 ng	420221	1,4-Dichlorobenzene-d4	8.281

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

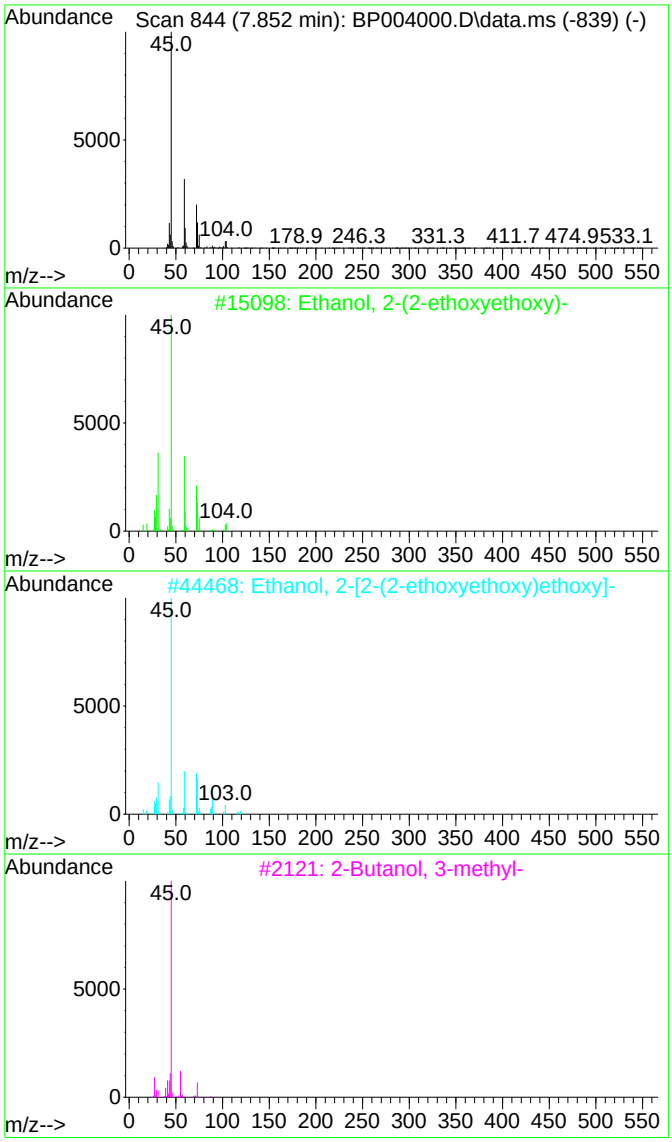
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

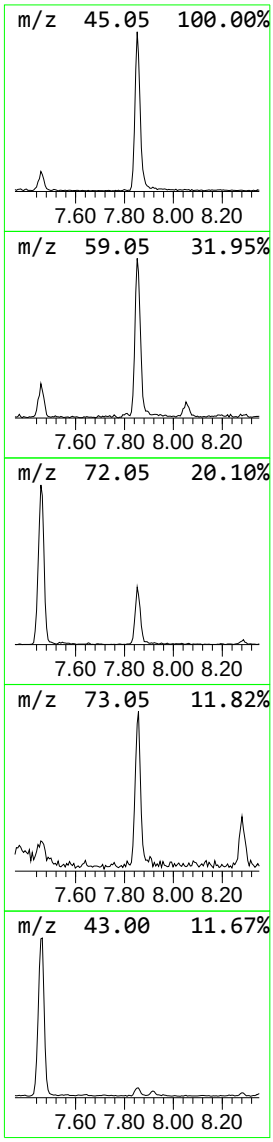
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.852	2.35 ng	104043	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
4	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	40
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

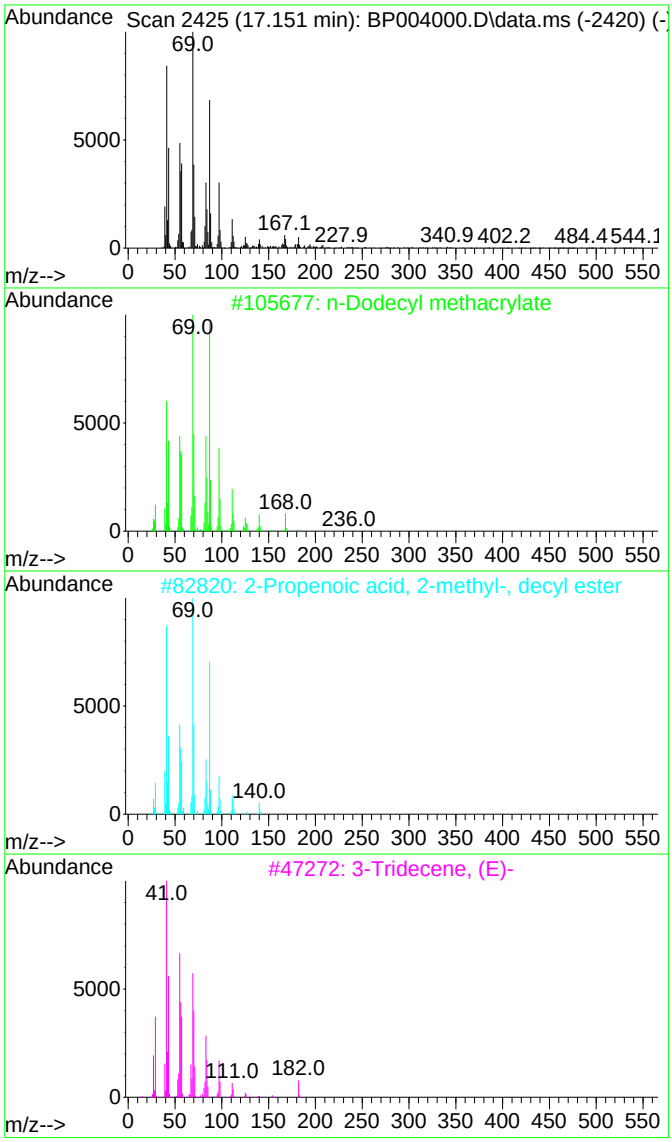
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

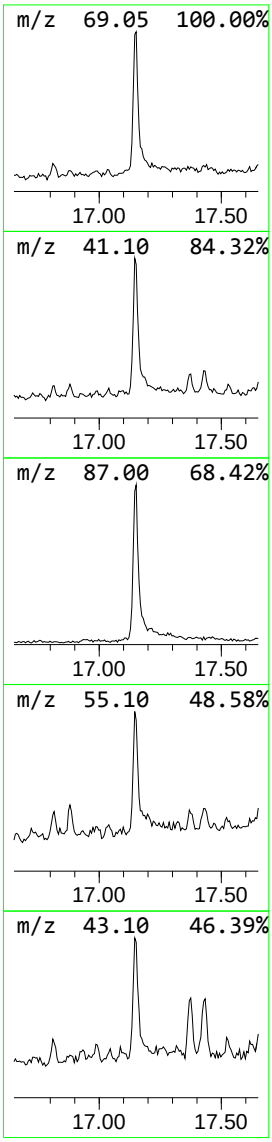
****

Peak Number 6 n-Dodecyl methacrylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	4.74 ng	382794	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	90
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	60
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

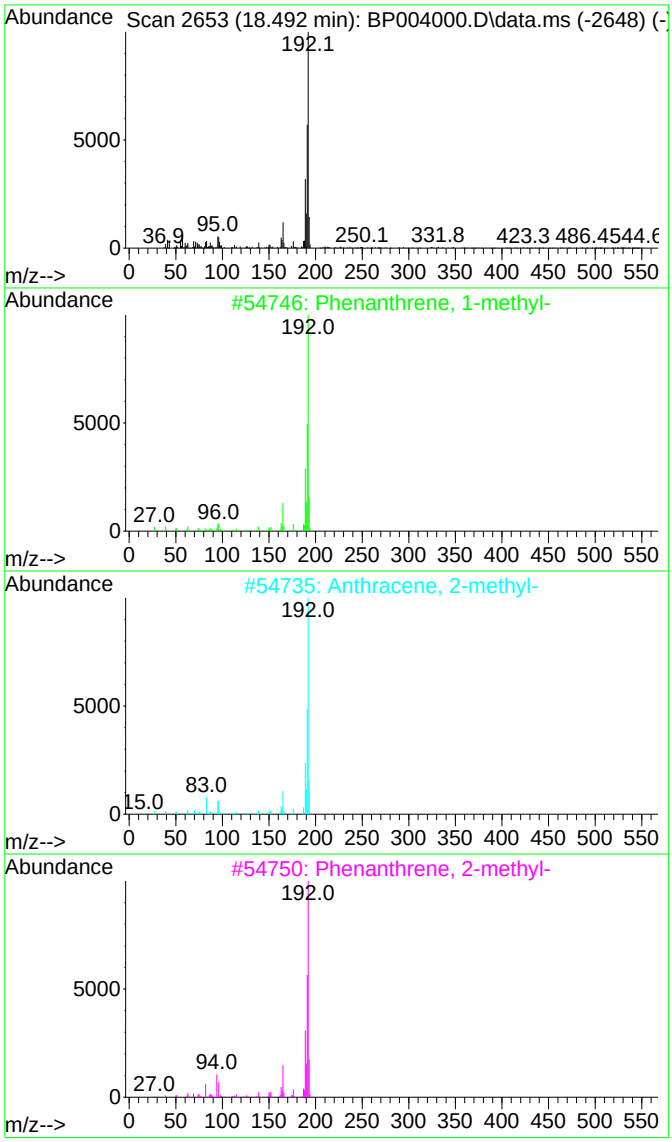
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

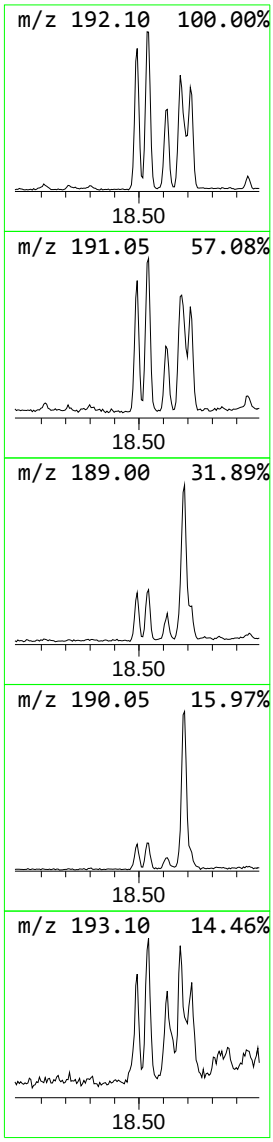
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.83 ng	228326	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

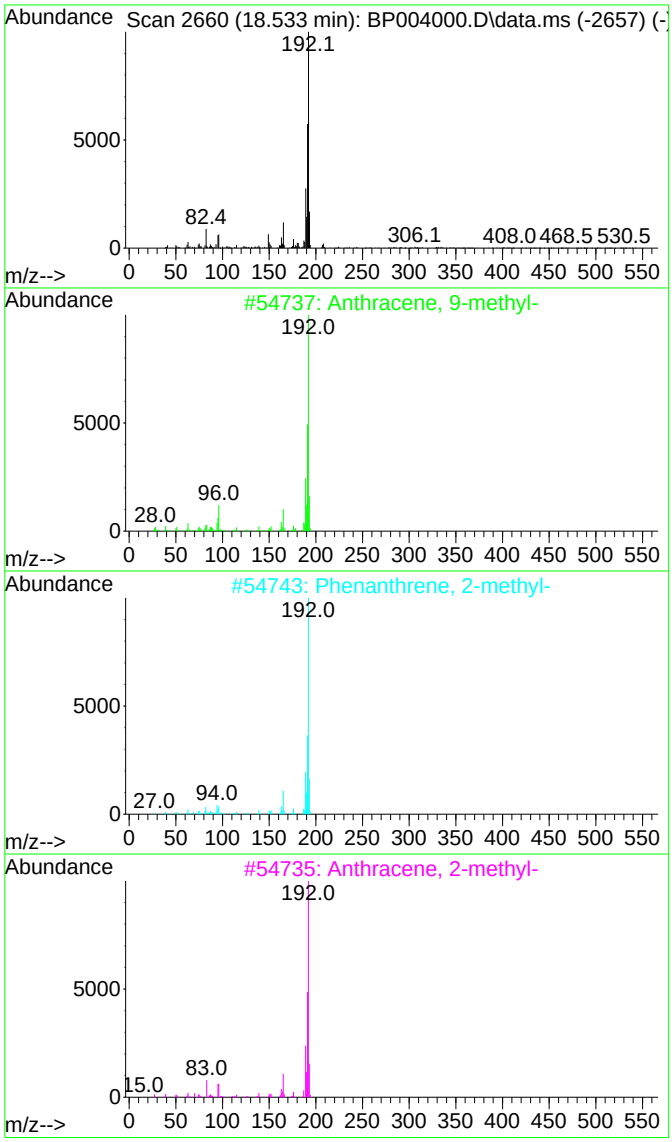
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

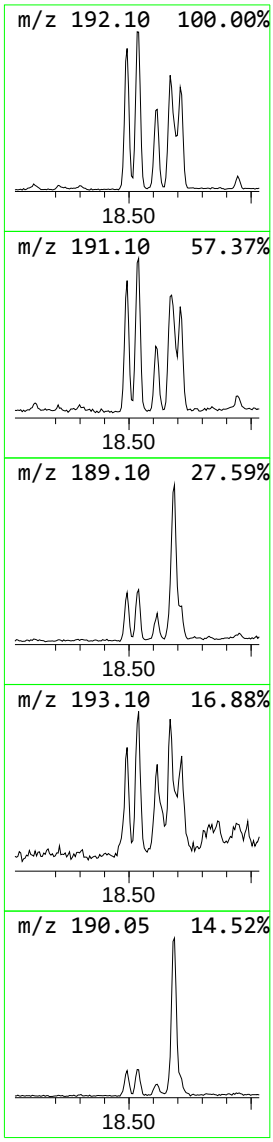
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	2.49 ng	201403	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

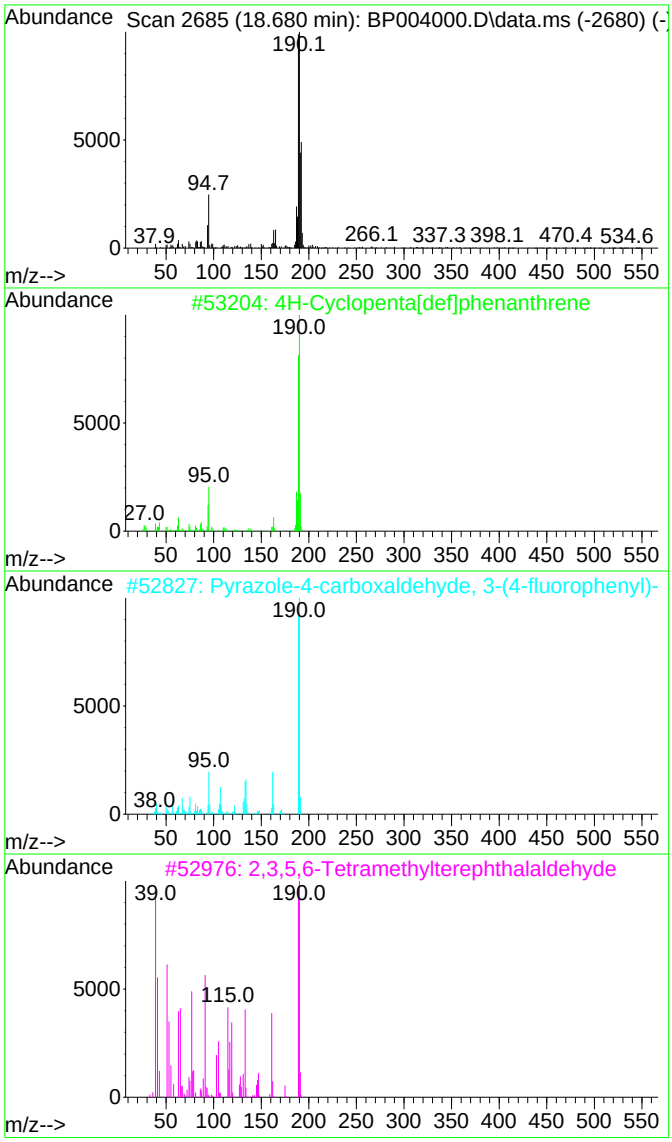
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

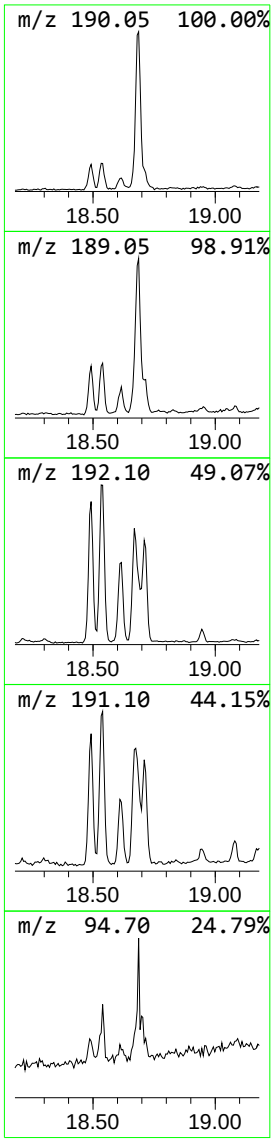
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	4.44 ng	358449	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

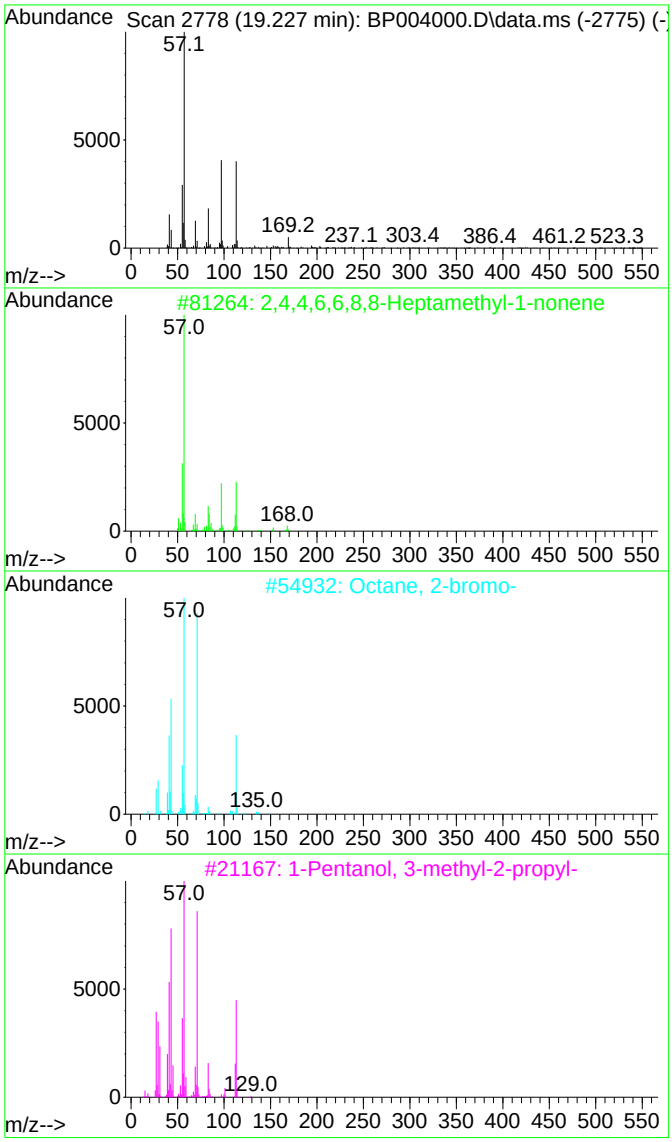
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

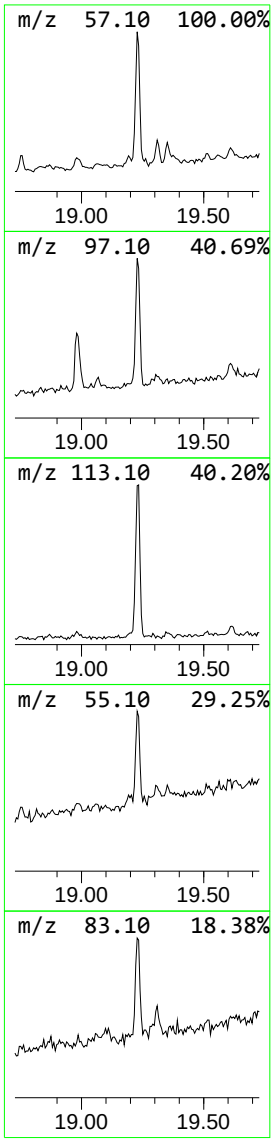
****

Peak Number 10 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.30 ng	266737	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	43
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	32





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Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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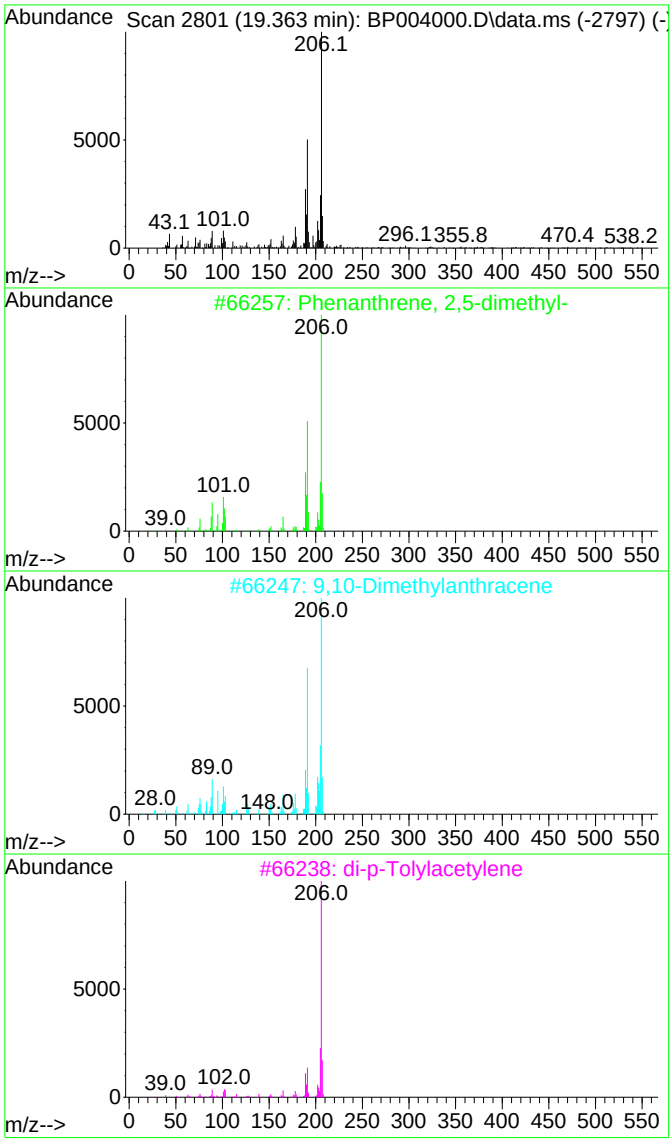
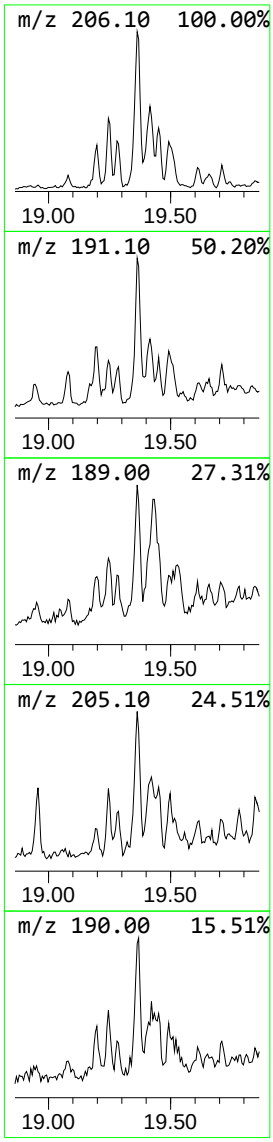
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	2.82 ng	227866	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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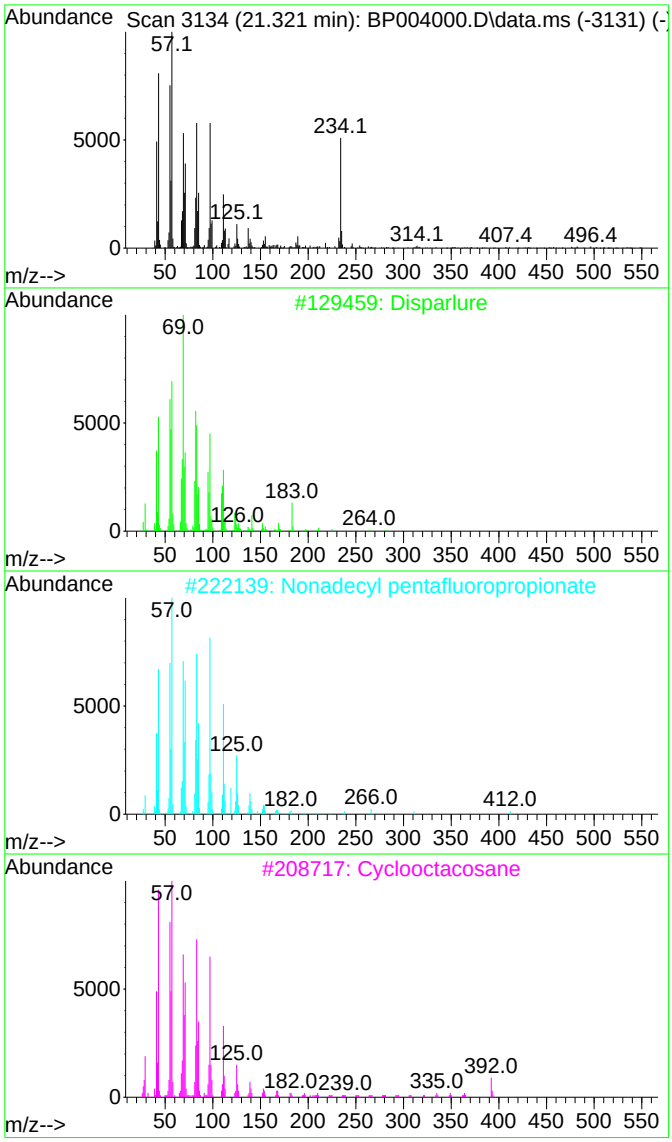
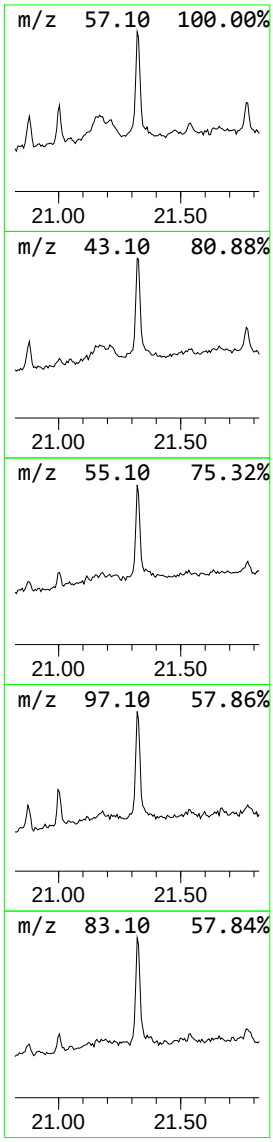
Peak Number 12 Disparlure Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	8.12 ng	796795	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure	282	C19H38O	029804-22-6	76
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76
3	Cyclooctacosane	392	C28H56	000297-24-5	76
4	1-Tricosene	322	C23H46	018835-32-0	76
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004000.D
Acq On : 18 Nov 2020 18:50
Operator : CG/JU
Sample : L4770-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-04-4-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-di...	2.928	159.3	ng	7055930	1	8.281	886005	20.0
Cyclohexane	3.087	4.5	ng	198565	1	8.281	886005	20.0
Butane, 2-metho...	3.175	9.5	ng	420221	1	8.281	886005	20.0
Ethanol, 2-(2-e...	7.852	2.4	ng	104043	1	8.281	886005	20.0
n-Dodecyl metha...	17.151	4.7	ng	382794	4	17.639	1614890	20.0
Phenanthrene, 1...	18.492	2.8	ng	228326	4	17.639	1614890	20.0
Anthracene, 9-m...	18.533	2.5	ng	201403	4	17.639	1614890	20.0
4H-Cyclopenta[d...	18.680	4.4	ng	358449	4	17.639	1614890	20.0
2,4,4,6,6,8,8-H...	19.227	3.3	ng	266737	4	17.639	1614890	20.0
Phenanthrene, 2...	19.363	2.8	ng	227866	4	17.639	1614890	20.0
Disparlure	21.322	8.1	ng	796795	5	21.680	1962910	20.0