LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-112320

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

Signal : TIC: BP004079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.923	3	6	26	rVB	4536028	6515364	100.00%	17.926%
2	3.075	26	32	43	rVB2	57329	133956	2.06%	0.369%
3	3.170	43	48	55	rBV	140034	210058	3.22%	0.578%
4	5.805	488	496	513	rBV	1225600	1935119	29.70%	5.324%
5	7.452	764	776	791	rBV	1202697	2064251	31.68%	5.679%
6	8.263	907	914	922	rBV	463309	741504	11.38%	2.040%
7	9.428	1103	1112	1124	rBV	773944	1266173	19.43%	3.484%
8	11.093	1385	1395	1402	rBV	571343	994152	15.26%	2.735%
9	13.510	1798	1806	1824	rBV	1742457	2573498	39.50%	7.081%
10	14.310	1938	1942	1949	rBV	65685	107986	1.66%	0.297%
11	14.887	2034	2040	2047	rBV2	820491	1189572	18.26%	3.273%
12	15.928	2211	2217	2226	rBV2	38529	69643	1.07%	0.192%
13	16.375	2285	2293	2309	rBV	1149454	1756390	26.96%	4.832%
14	17.622	2499	2505	2509	rBV	969678	1394111	21.40%	3.836%
15	17.663	2509	2512	2519	rVV	563637	738064	11.33%	2.031%
16	17.751	2523	2527	2532	rVB	107576	143594	2.20%	0.395%
17	18.469	2644	2649	2653	rBV	115336	170467	2.62%	0.469%
18	18.516	2653	2657	2663	rVB	149467	196087	3.01%	0.539%
19	18.663	2675	2682	2685	rBV3	136849	262474	4.03%	0.722%
20	18.692	2685	2687	2691	rVB	70765	74946	1.15%	0.206%
21	18.933	2724	2728	2732	rBV	73490	100509	1.54%	0.277%
22	18.980	2732	2736	2747	rVB3	72497	121298	1.86%	0.334%
23	19.345	2790	2798	2802	rBV3	117478	260114	3.99%	0.716%
24	19.480	2817	2821	2828	rBV5	49259	105888	1.63%	0.291%
25	19.598	2836	2841	2846	rBV	1134717	1398708	21.47%	3.848%
26	19.916	2891	2895	2896	rBV	137390	170871	2.62%	0.470%
27	19.945	2896	2900	2907	rVB	929930	1272722	19.53%	3.502%
28	20.016	2908	2912	2917	rVB2	61759	83841	1.29%	0.231%
29	20.116	2924	2929	2935	rBV	2590938	3174379	48.72%	8.734%
30	20.263	2949	2954	2959	rBV4	58376	114757	1.76%	0.316%
31	20.386	2972	2975	2977	rBV4	82684	93136	1.43%	0.256%
32	20.422	2977	2981	2988	rVB	165584	239772	3.68%	0.660%
33	20.516	2993	2997	3001	rBV	103828	124659	1.91%	0.343%
34	20.575	3005	3007	3011	rVB	84788	93267	1.43%	0.257%
35	20.863	3053	3056	3059	rVB	84083	84411	1.30%	0.232%
36	21.145	3101	3104	3109	rVB	80724	106789	1.64%	0.294%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-112320

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

37	21.304	3128	3131	3135	rBV	356434	468922	7.20%	1.290%
38	21.386	3142	3145	3148	rVB2	77387	83213	1.28%	0.229%
39	21.516	3164	3167	3170	rBV	88366	112458	1.73%	0.309%
40	21.657	3184	3191	3195	rBV2	1135184	2124739	32.61%	5.846%
41	21.692	3195	3197	3202	rVV	419273	492467	7.56%	1.355%
42	21.745	3204	3206	3211	rVB	96461	104393	1.60%	0.287%
43	22.210	3282	3285	3288	rBV	103895	142508	2.19%	0.392%
44	23.263	3461	3464	3469	rVB2	121809	178746	2.74%	0.492%
45	23.374	3478	3483	3488	rBV	303330	703673	10.80%	1.936%
46	24.016	3587	3592	3600	rVB	287179	556072	8.53%	1.530%
47	24.127	3605	3611	3617	rBV2	640354	1296416	19.90%	3.567%

Sum of corrected areas: 36346137

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
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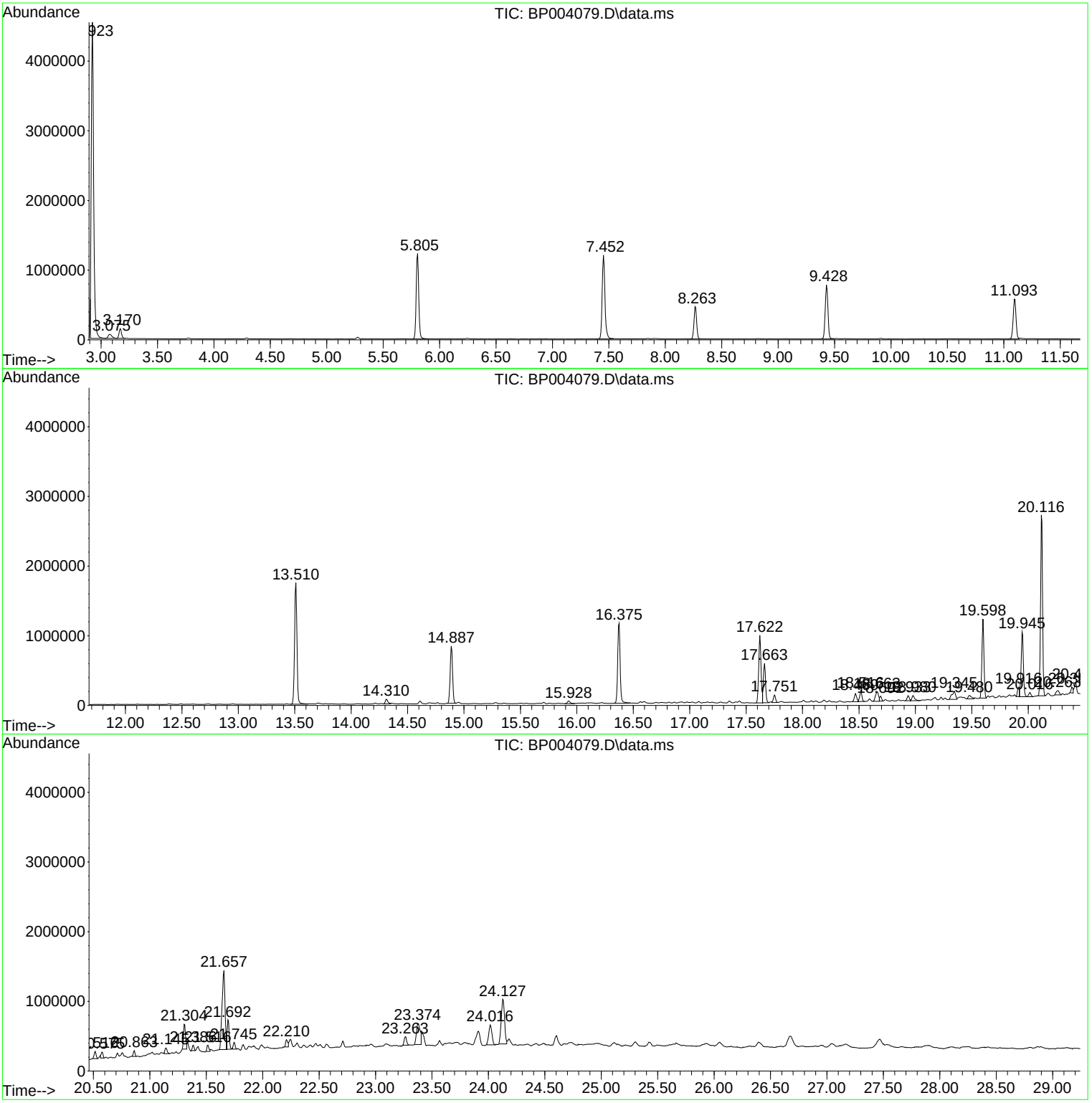
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-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\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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

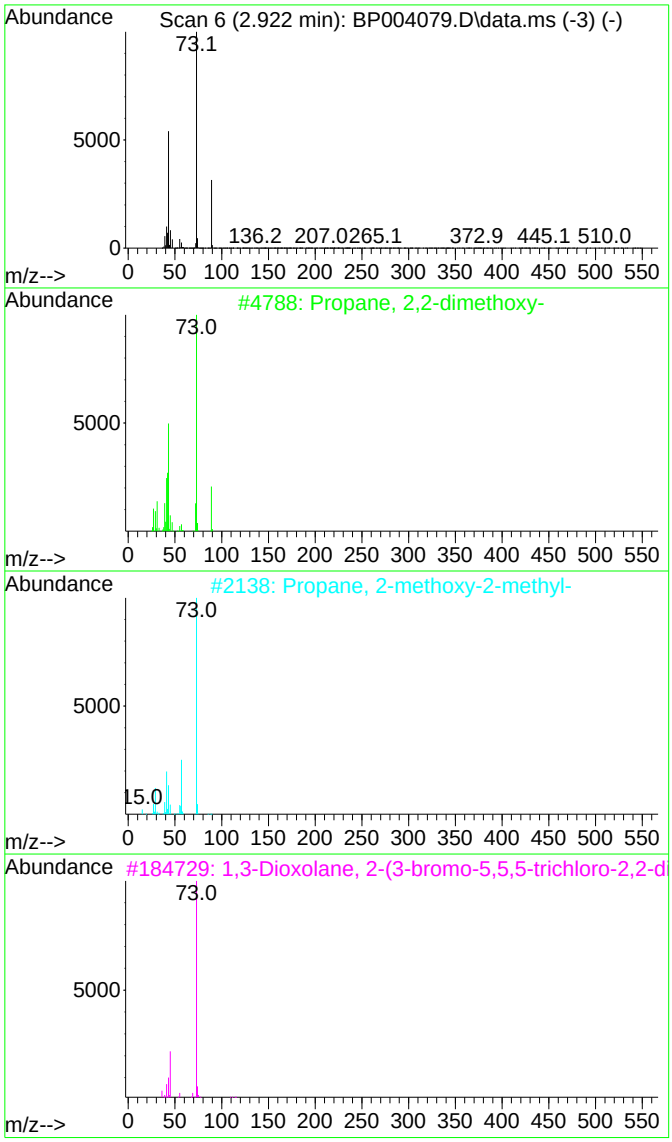
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

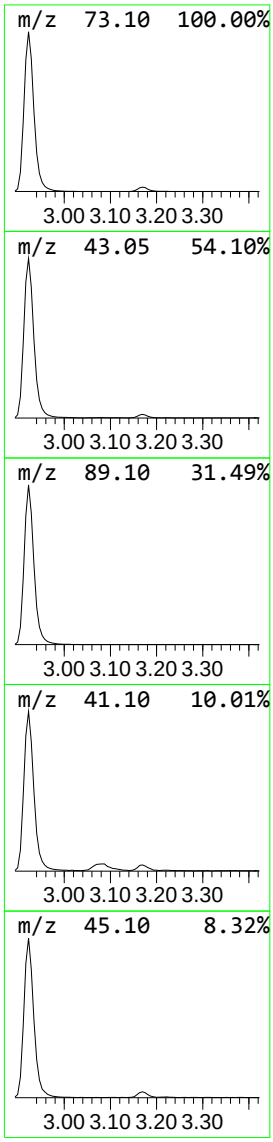
****

Peak Number 1 unknown2.922 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.922	175.73 ng	6515360	1,4-Dichlorobenzene-d4	8.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

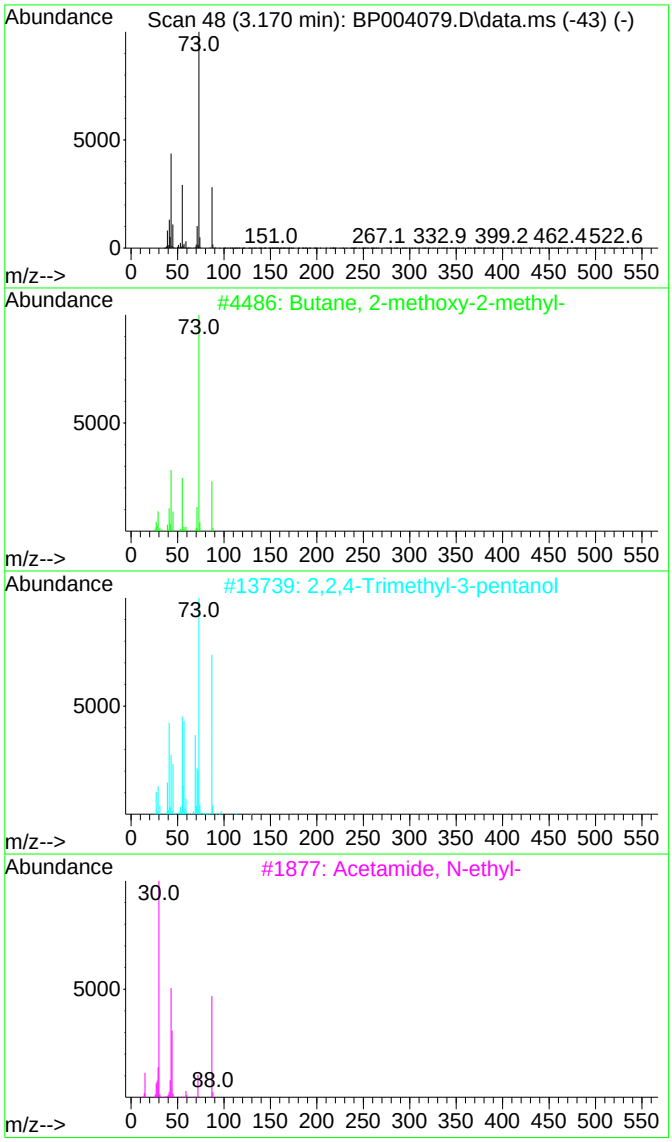
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

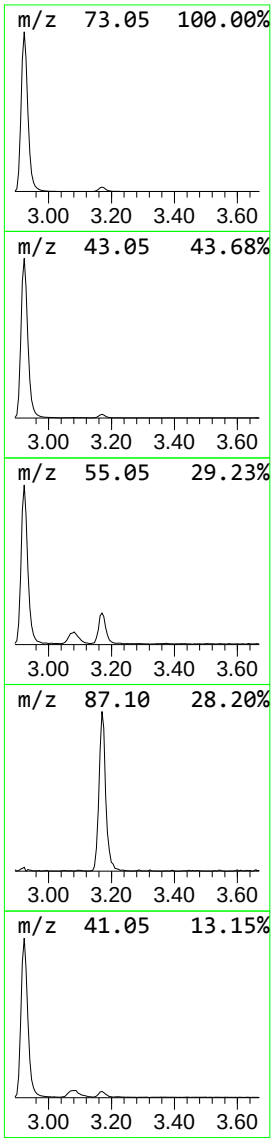
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	5.67 ng	210058	1,4-Dichlorobenzene-d4	8.263

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	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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

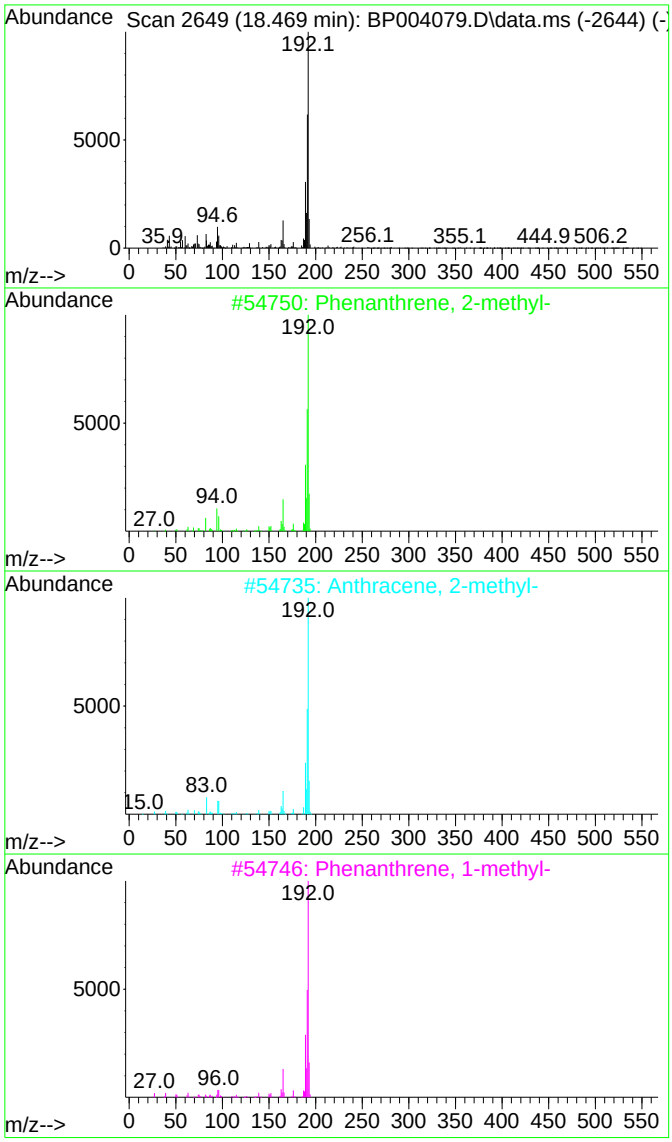
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

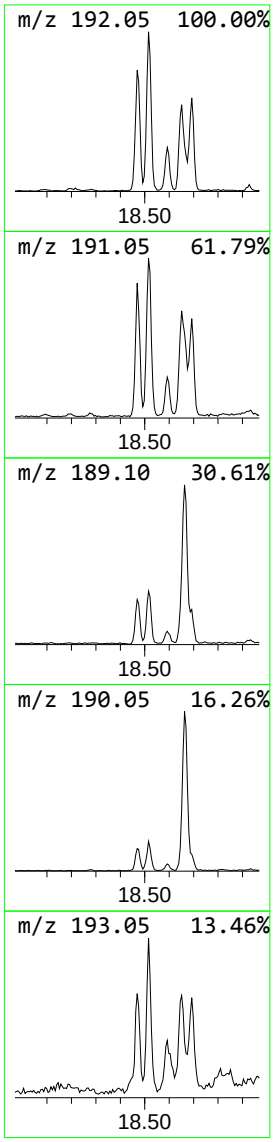
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	2.45 ng	170467	Phenanthrene-d10	17.622

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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

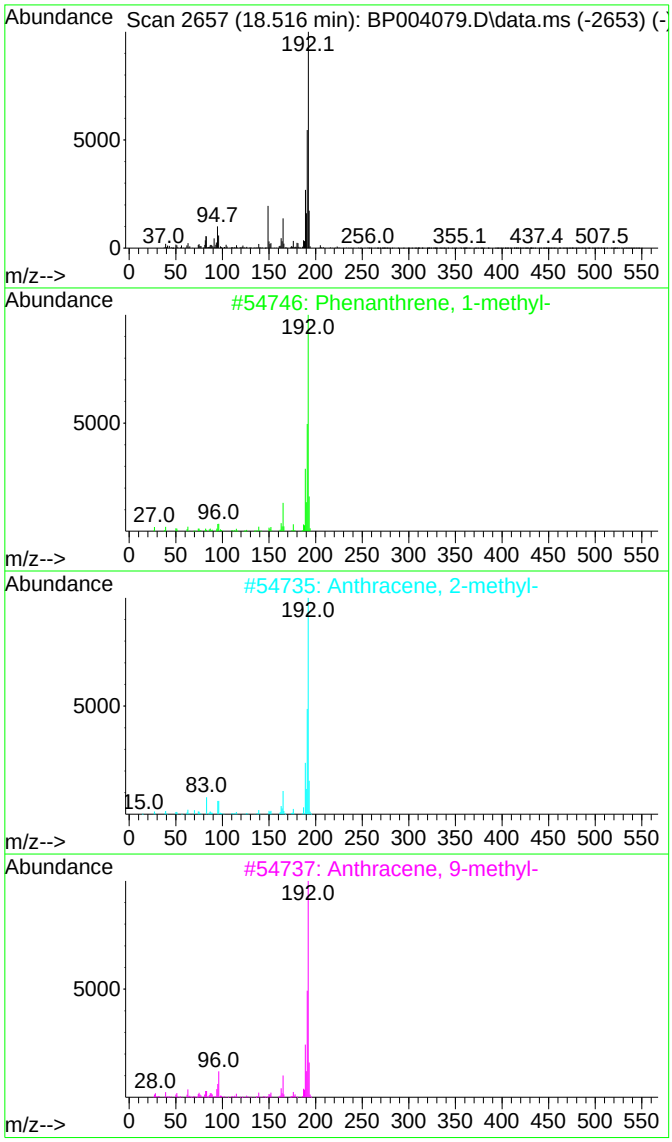
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

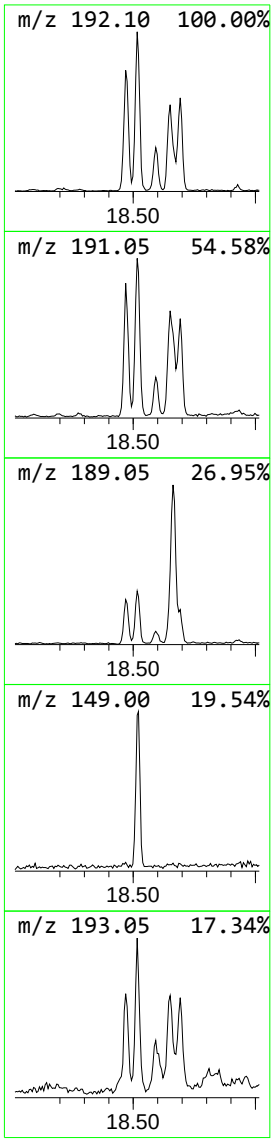
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.81 ng	196087	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

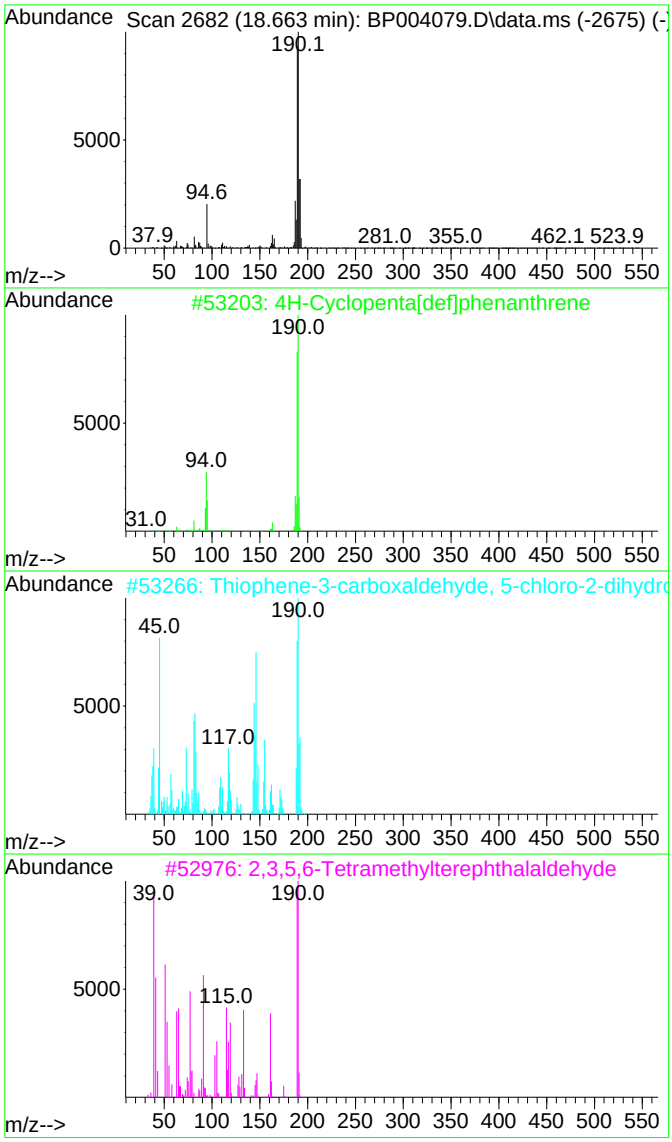
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

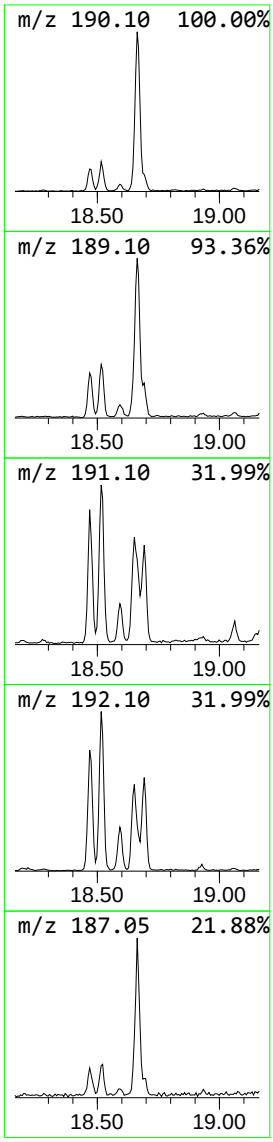
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	3.77 ng	262474	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

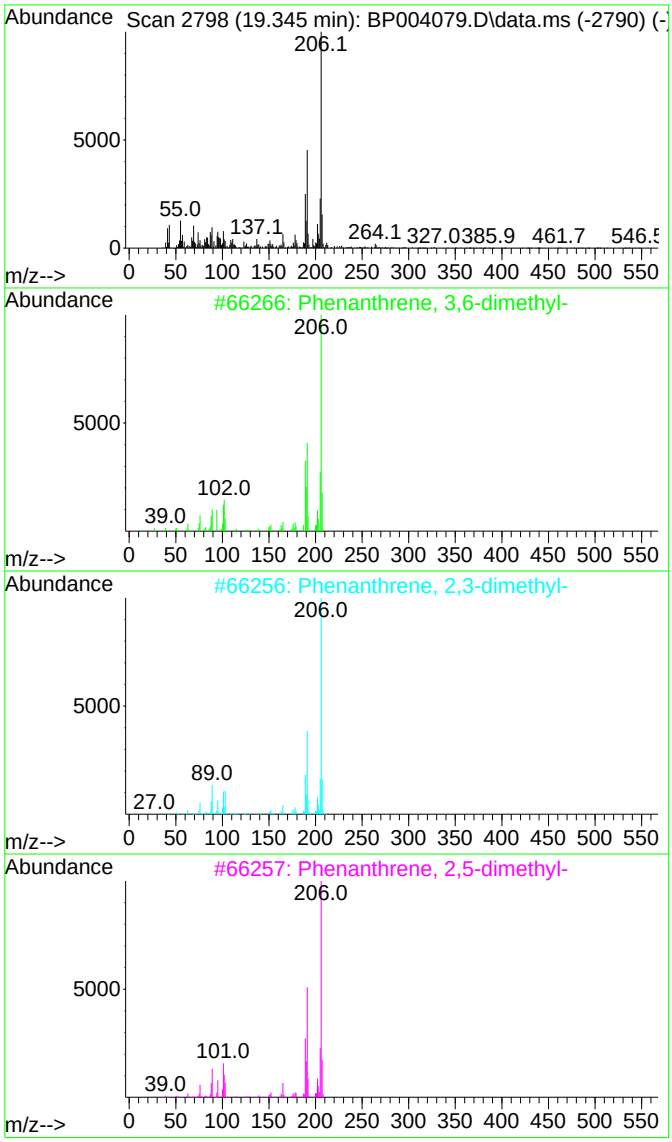
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

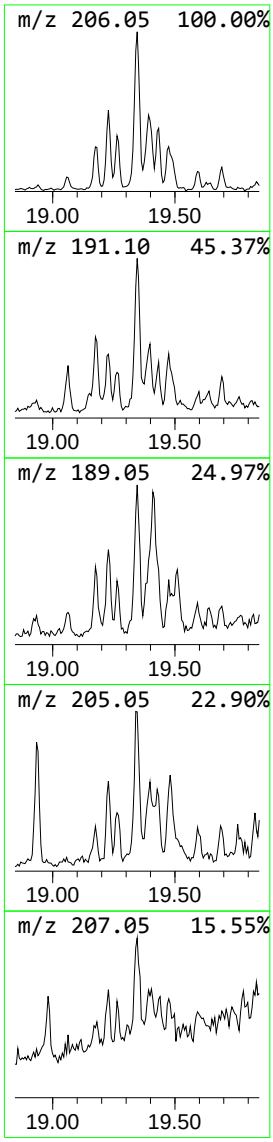
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	3.73 ng	260114	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
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Operator : CG/JU
Sample : L4875-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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

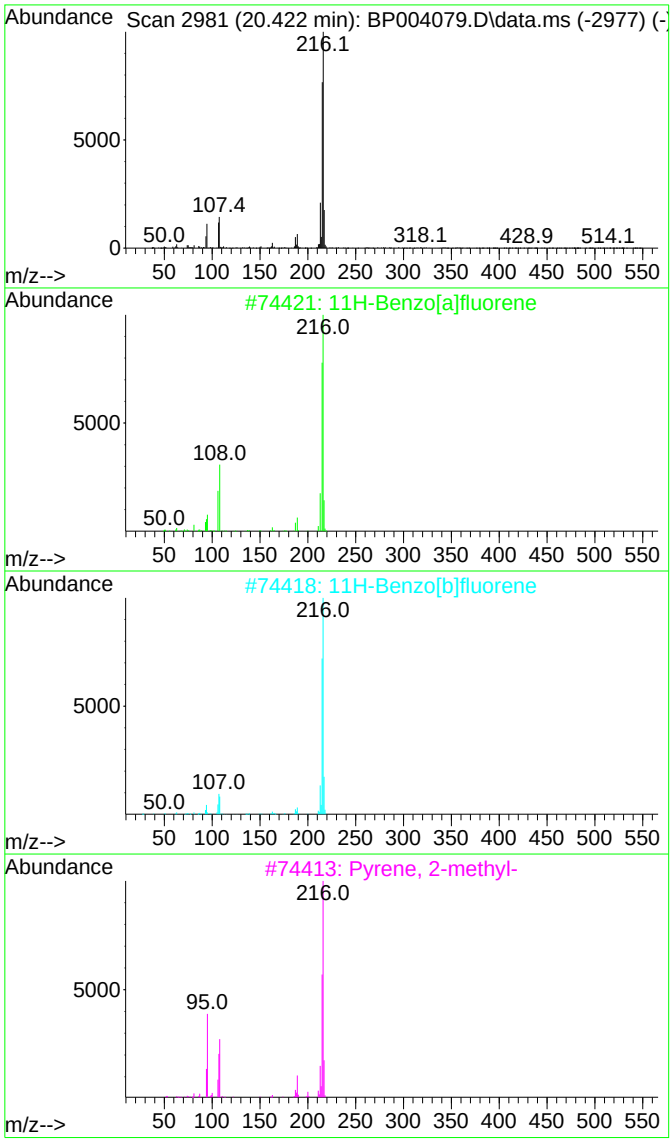
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

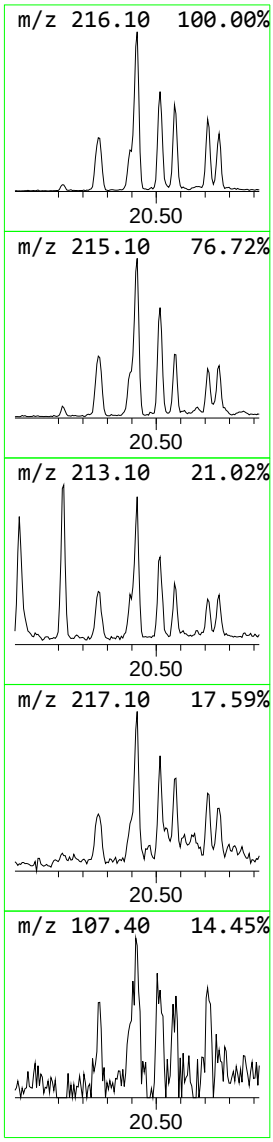
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.422	2.26 ng	239772	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

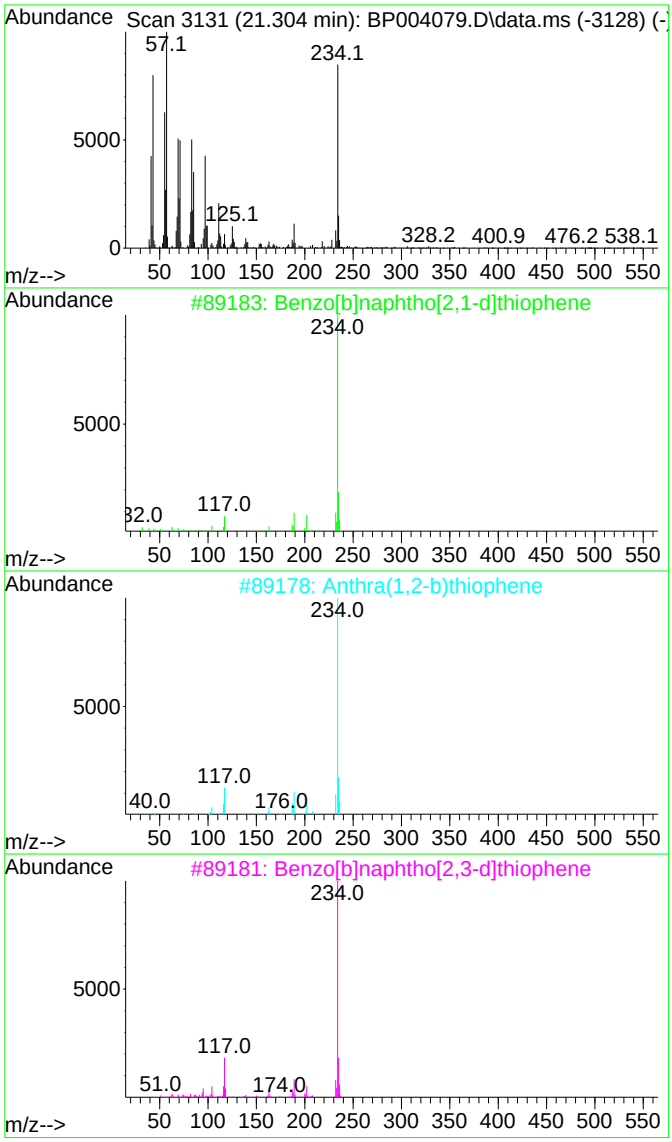
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

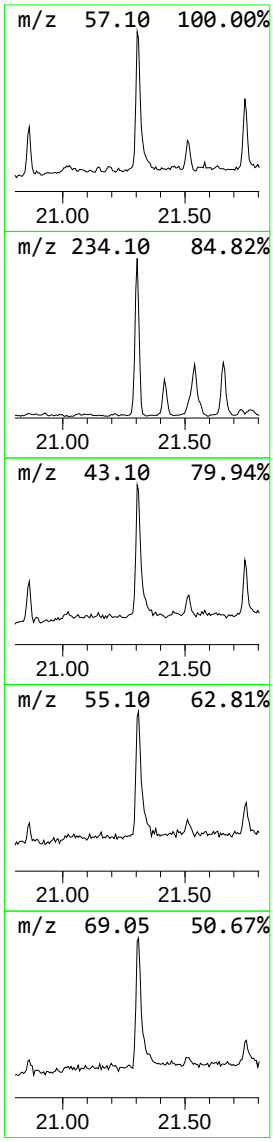
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	4.41 ng	468922	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	49
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	42
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	38
5	Benzo[b]1,4-dioxan-2-ol, 2-(2-th...	234	C12H10O3S	312614-85-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-112320

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

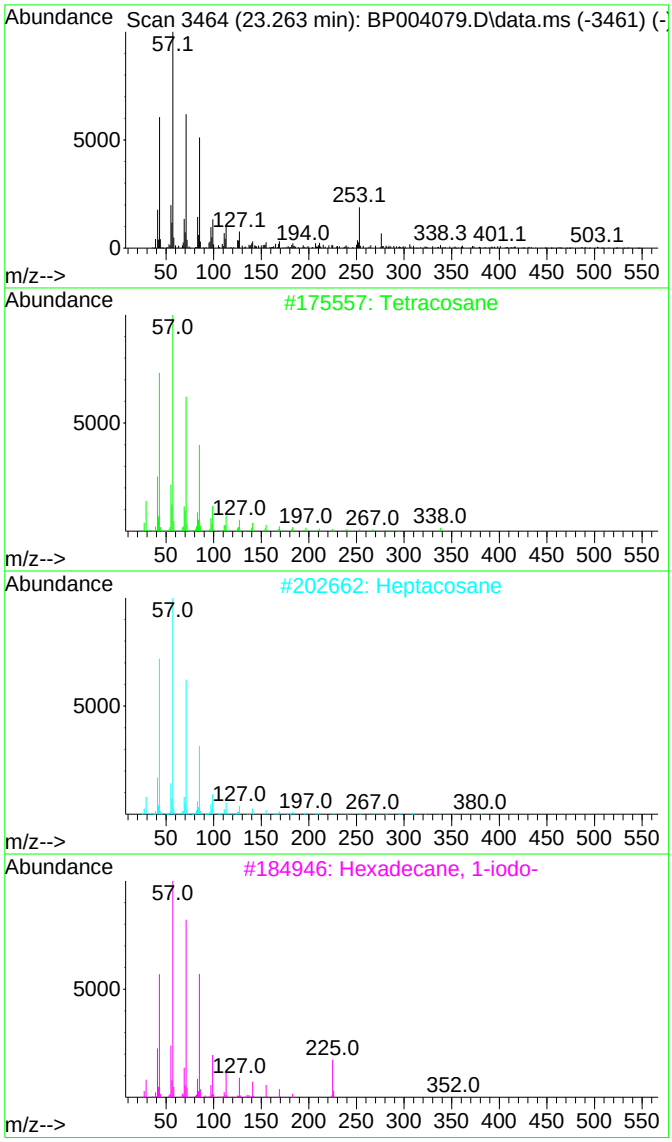
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

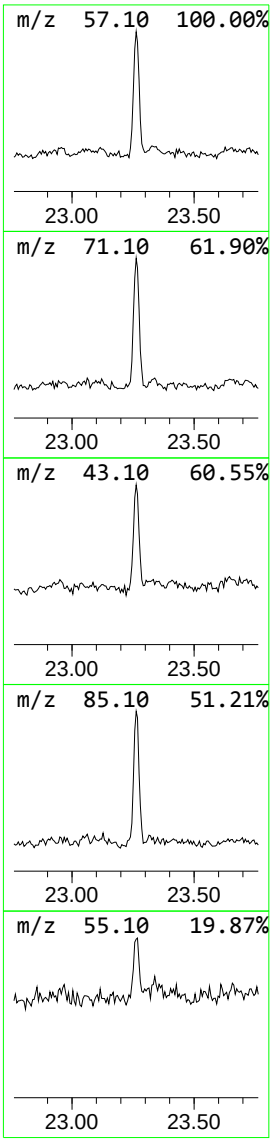
****

Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.263	2.76 ng	178746	Perylene-d12	24.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptacosane	380	C27H56	000593-49-7	94
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
5	Docosane	310	C22H46	000629-97-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-08-112320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-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
unknown2.922	2.922	175.7	ng	6515360	1	8.263	741504	20.0
Butane, 2-metho...	3.170	5.7	ng	210058	1	8.263	741504	20.0
Phenanthrene, 2...	18.469	2.5	ng	170467	4	17.622	1394110	20.0
Phenanthrene, 1...	18.516	2.8	ng	196087	4	17.622	1394110	20.0
4H-Cyclopenta[d...	18.663	3.8	ng	262474	4	17.622	1394110	20.0
Phenanthrene, 3...	19.345	3.7	ng	260114	4	17.622	1394110	20.0
11H-Benzo[a]flu...	20.422	2.3	ng	239772	5	21.657	2124740	20.0
Benzo[b]naphtho...	21.304	4.4	ng	468922	5	21.657	2124740	20.0
Tetracosane	23.263	2.8	ng	178746	6	24.127	1296420	20.0