LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-4-(0-2)

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_P\Methods\8270E-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008680.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	12	16	21	rVB	239852	288219	1.08%	0.139%
2	4.611	271	276	287	rVB	261397	402881	1.51%	0.195%
3	5.469	415	422	440	rBV	7594861	11951482	44.67%	5.781%
4	7.063	685	693	707	rBV	7247030	12288123	45.93%	5.944%
5	7.181	707	713	722	rVB	197482	349565	1.31%	0.169%
6	7.887	826	833	841	rBV	2236805	3561846	13.31%	1.723%
7	9.046	1022	1030	1042	rBV	4832547	8084350	30.22%	3.911%
8	10.469	1264	1272	1284	rBV	877868	1427623	5.34%	0.691%
9	10.687	1301	1309	1316	rBV	2938458	5130788	19.18%	2.482%
10	13.145	1720	1727	1744	rBV	14159440	22201839	82.99%	10.740%
11	14.522	1951	1961	1967	rBV	4455078	6970883	26.06%	3.372%
12	14.581	1967	1971	1979	rVB	340670	569676	2.13%	0.276%
13	15.569	2134	2139	2144	rVB	225102	316913	1.18%	0.153%
14	16.010	2207	2214	2222	rBV	10250226	14504134	54.22%	7.016%
15	16.245	2249	2254	2263	rVB4	145986	274635	1.03%	0.133%
16	16.922	2364	2369	2376	rVB2	178495	284489	1.06%	0.138%
17	17.086	2393	2397	2407	rVB	202245	366503	1.37%	0.177%
18	17.269	2422	2428	2432	rBV	5223019	7820371	29.23%	3.783%
19	17.310	2432	2435	2442	rVV	3755006	5380585	20.11%	2.603%
20	17.404	2446	2451	2456	rVV	798083	1201165	4.49%	0.581%
21	17.675	2489	2497	2502	rBV	488533	881925	3.30%	0.427%
22	18.139	2567	2576	2578	rBV	594276	1035975	3.87%	0.501%
23	18.322	2602	2607	2611	rVV3	747948	1370136	5.12%	0.663%
24	18.357	2611	2613	2619	rVB	430922	527423	1.97%	0.255%
25	18.616	2653	2657	2660	rBV	400201	545432	2.04%	0.264%
26	18.651	2660	2663	2668	rVB	437363	612588	2.29%	0.296%
27	19.022	2722	2726	2730	rBV	398174	600267	2.24%	0.290%
28	19.157	2745	2749	2756	rBV	283080	448829	1.68%	0.217%
29	19.280	2764	2770	2777	rBV	6123292	8433711	31.52%	4.080%
30	19.392	2787	2789	2797	rVB2	381773	534825	2.00%	0.259%
31	19.627	2820	2829	2837	rBV	5208671	8376331	31.31%	4.052%
32	19.827	2857	2863	2868	rBV	19185464	24797148	92.69%	11.995%
33	19.945	2878	2883	2889	rBV2	362584	975073	3.64%	0.472%
34	20.110	2908	2911	2917	rVB	593442	794209	2.97%	0.384%
35	20.204	2925	2927	2931	rBV	281201	344790	1.29%	0.167%
36	21.351	3116	3122	3126	rBV2	5812053	10314200	38.55%	4.989%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
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Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

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_P\Methods\8270E-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.386	3126	3128	3134	rVB	2148733	2691269	10.06%	1.302%
38	21.474	3137	3143	3148	rBV	18492360	26752660	100.00%	12.941%
39	23.039	3404	3409	3414	rBV	1931458	4297653	16.06%	2.079%
40	23.668	3512	3516	3523	rVB	1681837	3160301	11.81%	1.529%
41	23.780	3529	3535	3541	rBV2	2982786	5856260	21.89%	2.833%

Sum of corrected areas: 206727075

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
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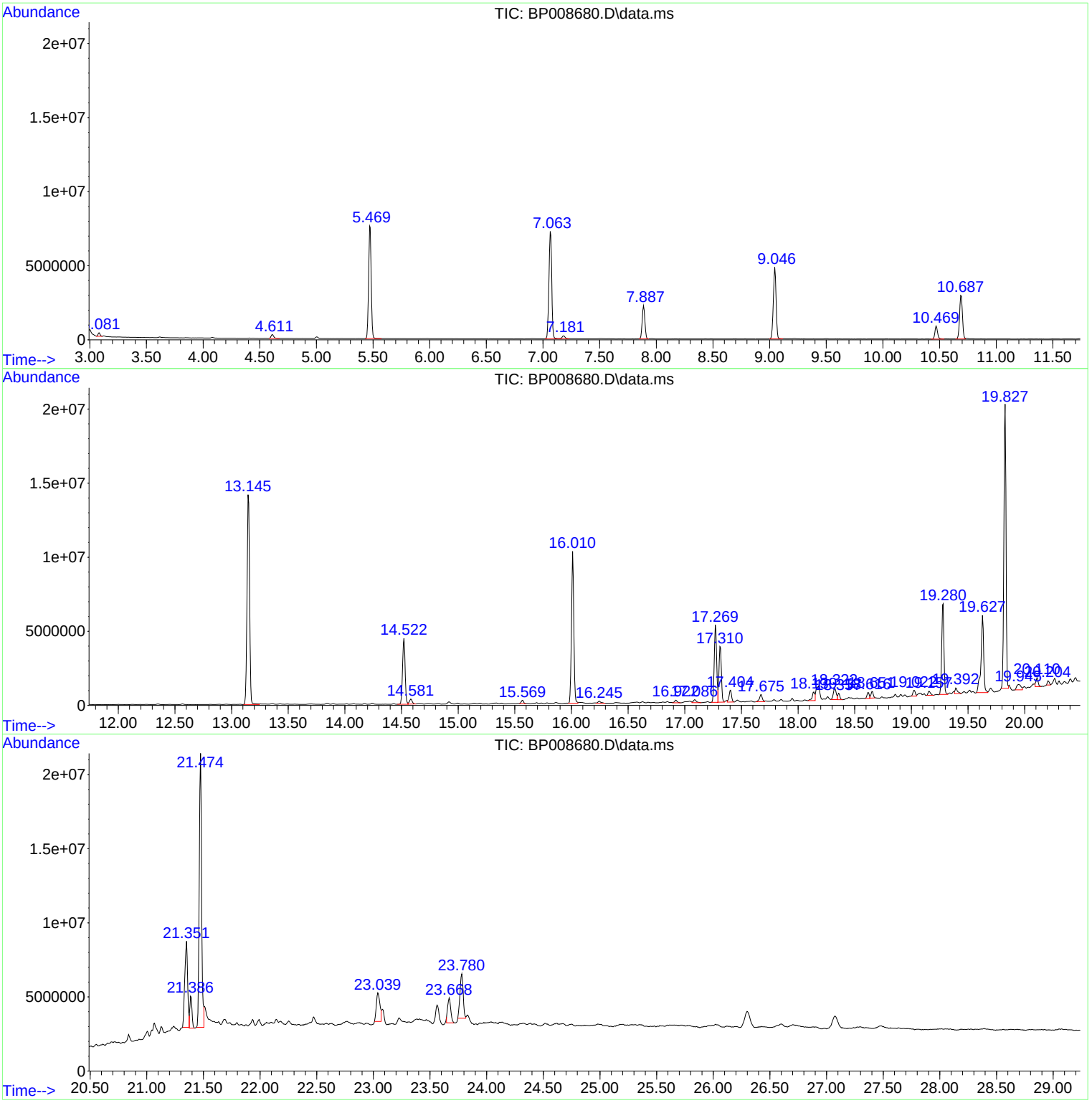
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

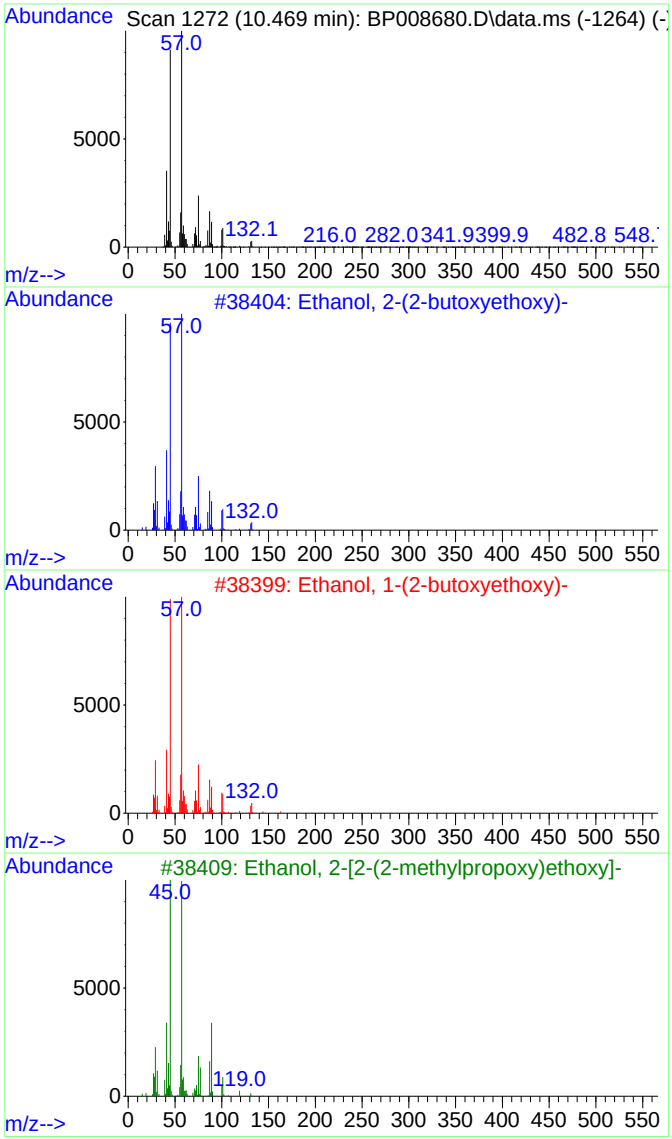
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

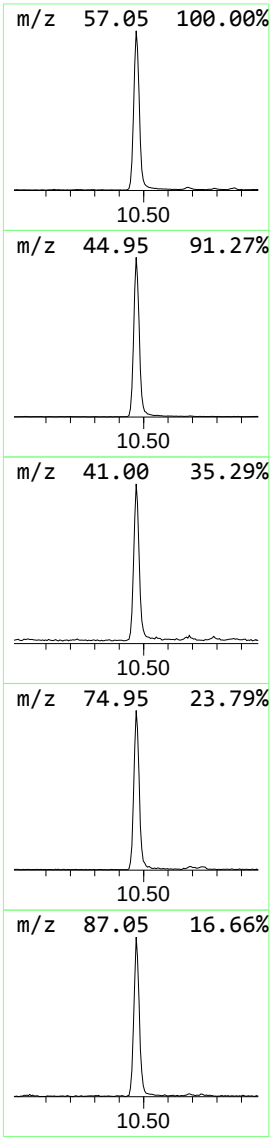
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	5.56 ng	1427620	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	72
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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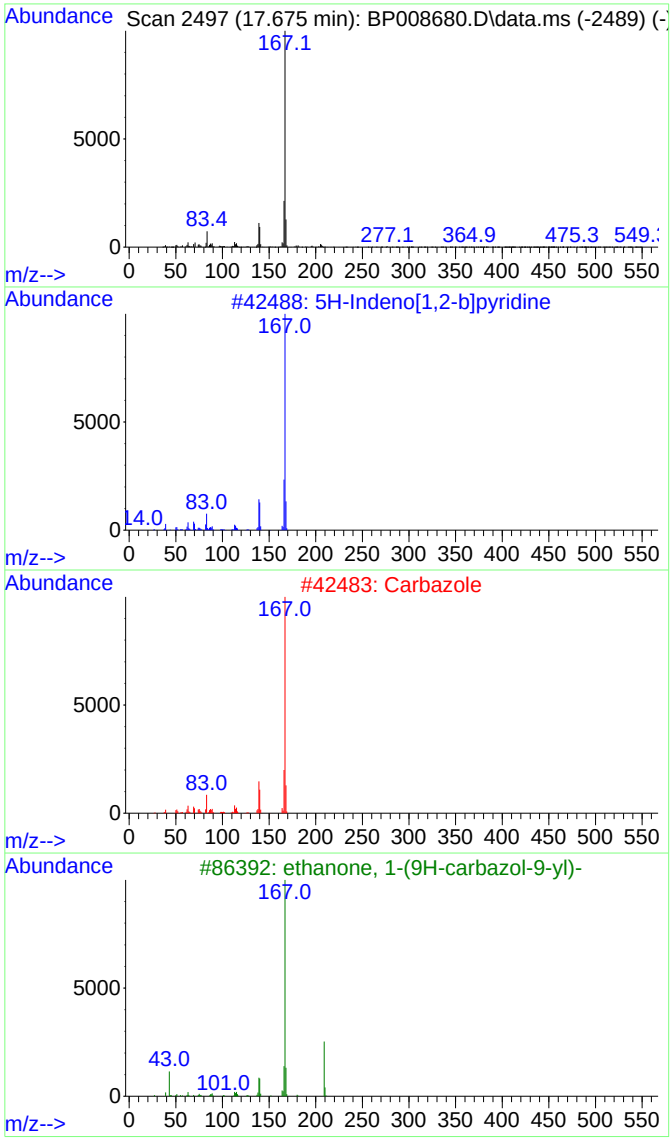
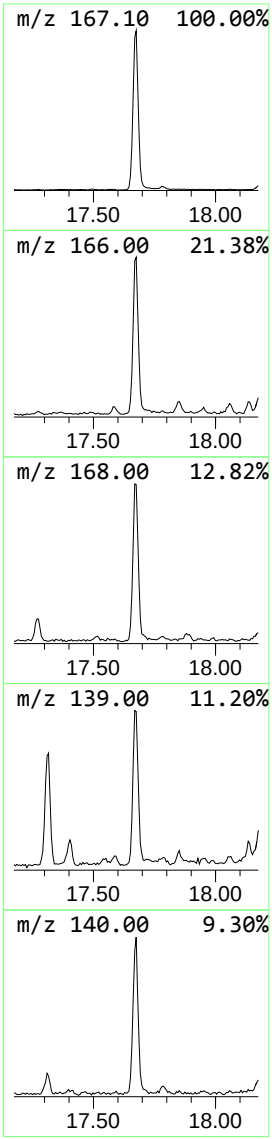
Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	2.26 ng	881925	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	93
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	80
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64
5	2-Naphthylacetonitrile	167	C12H9N	007498-57-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

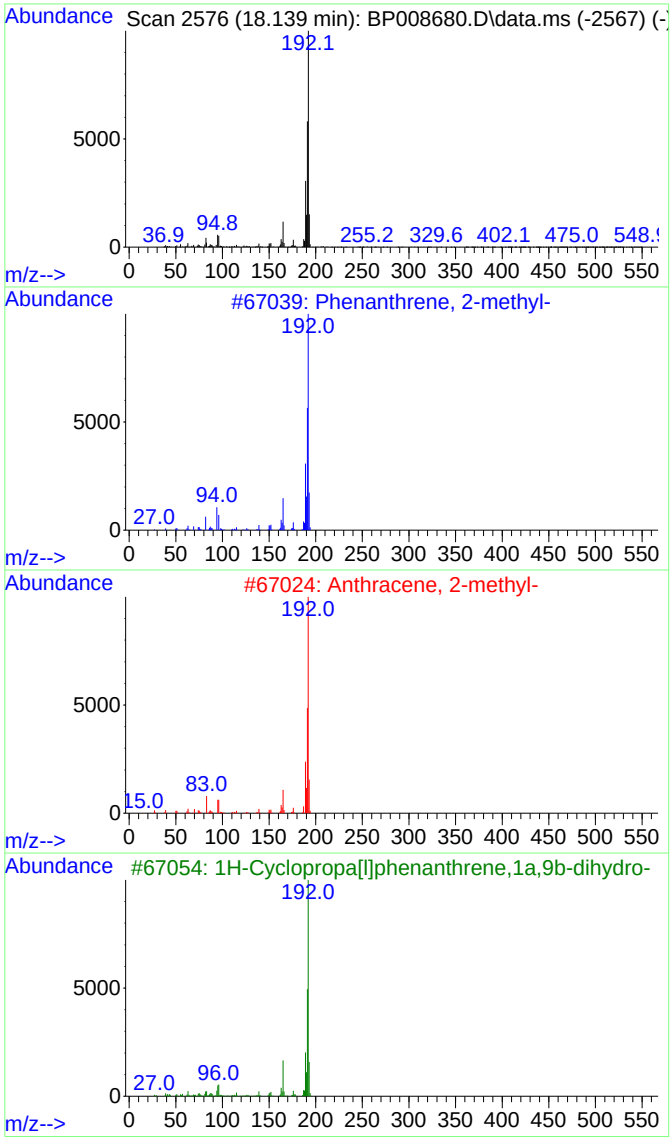
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

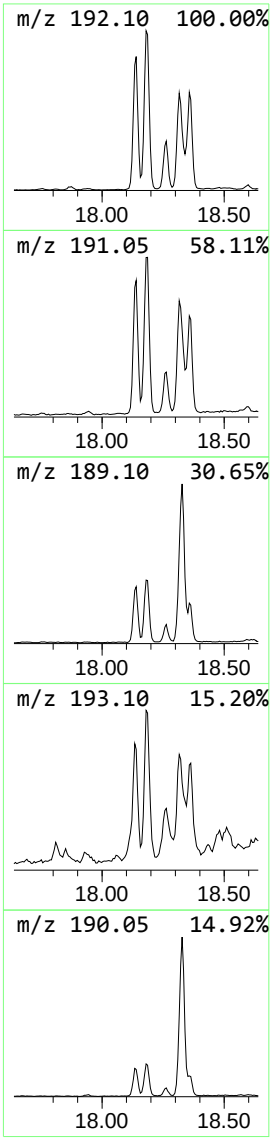
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.65 ng	1035980	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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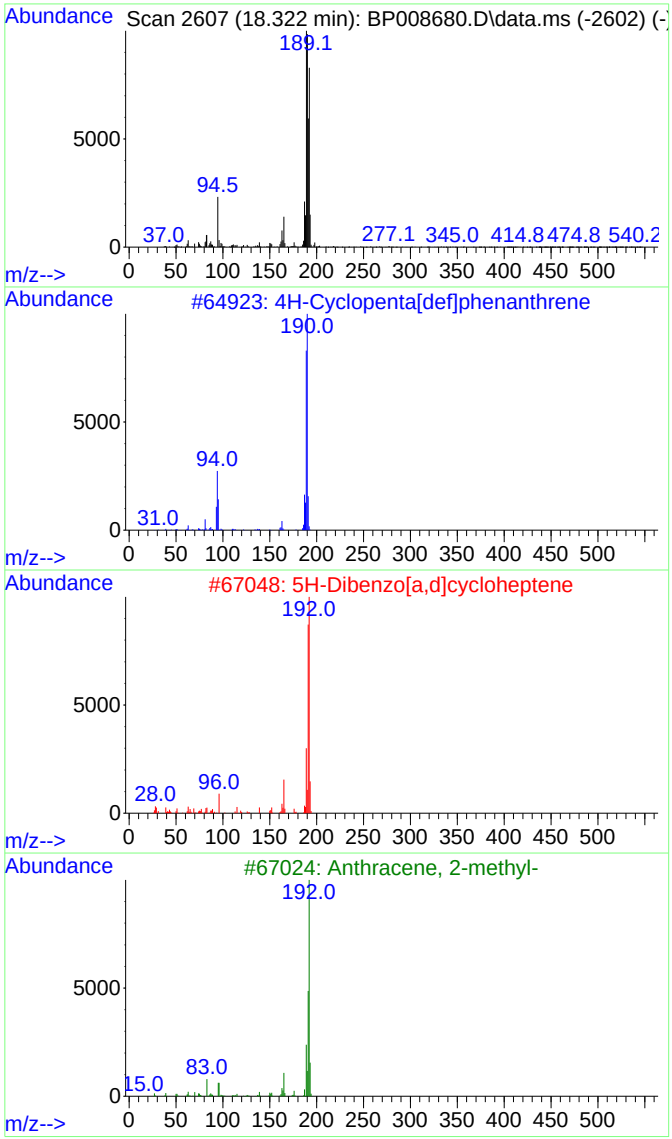
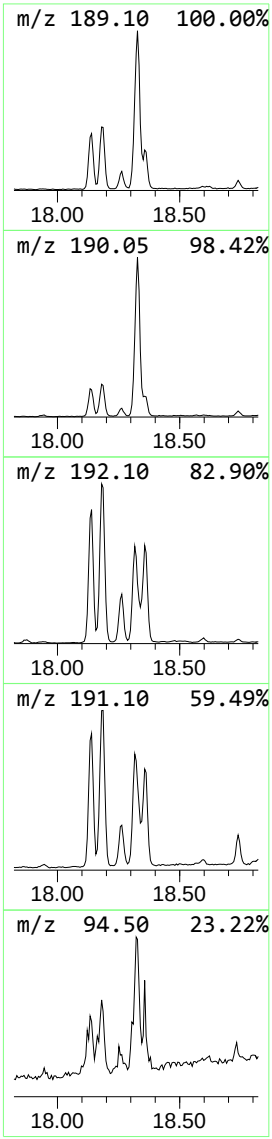
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	3.50 ng	1370140	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	41
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41





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Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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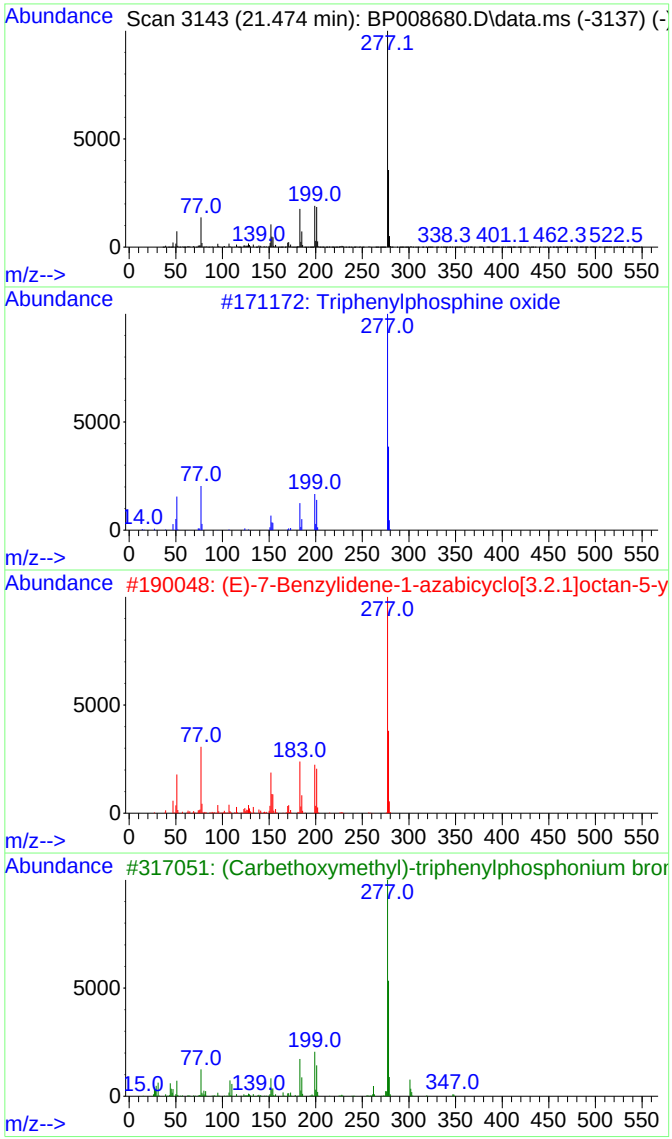
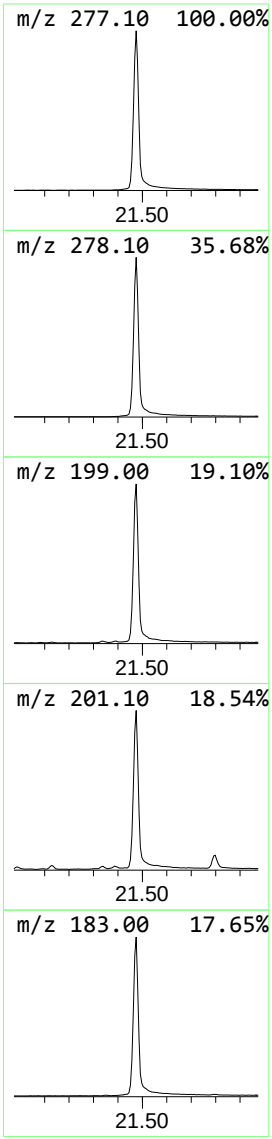
Peak Number 6 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	51.88 ng	26752700	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008680.D
Acq On : 05 Jan 2022 01:29
Operator : CG/JU
Sample : M5342-02
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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
Ethanol, 2-(2-b...	10.469	5.6	ng	1427620	2	10.687	5130790	20.0
5H-Indeno[1,2-b...	17.675	2.3	ng	881925	4	17.269	7820370	20.0
Phenanthrene, 2...	18.139	2.6	ng	1035980	4	17.269	7820370	20.0
4H-Cyclopenta[d...	18.322	3.5	ng	1370140	4	17.269	7820370	20.0
Triphenylphosph...	21.474	51.9	ng	26752700	5	21.351	10314200	20.0