LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006507.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.911	305	310	315	rBV	94465	132999	2.35%	0.231%
2	5.358	380	386	397	rVB	746364	1070217	18.90%	1.856%
3	6.934	647	654	663	rVB	731574	1106835	19.54%	1.919%
4	7.757	787	794	801	rBV	1080393	1653839	29.20%	2.868%
5	8.910	983	990	997	rBV	444553	717310	12.67%	1.244%
6	10.334	1224	1232	1241	rBV	194944	324755	5.73%	0.563%
7	10.540	1260	1267	1272	rBV	1458969	2371815	41.88%	4.113%
8	10.587	1272	1275	1282	rVB	166303	267198	4.72%	0.463%
9	12.204	1542	1550	1557	rVB	117674	193932	3.42%	0.336%
10	12.422	1582	1587	1596	rVB	79963	122726	2.17%	0.213%
11	13.010	1677	1687	1698	rBV	1070702	1518626	26.81%	2.634%
12	13.557	1773	1780	1787	rBV4	30554	83092	1.47%	0.144%
13	13.710	1800	1806	1810	rBV2	51189	89162	1.57%	0.155%
14	14.110	1869	1874	1885	rBV	72290	148573	2.62%	0.258%
15	14.387	1913	1921	1927	rBV	1973604	2926970	51.68%	5.076%
16	14.445	1927	1931	1940	rVB	289919	439309	7.76%	0.762%
17	14.786	1983	1989	1997	rVB	223775	340251	6.01%	0.590%
18	15.216	2058	2062	2067	rBV	44361	68428	1.21%	0.119%
19	15.434	2093	2099	2105	rBV	486056	669211	11.82%	1.161%
20	15.598	2124	2127	2131	rVB3	47983	60487	1.07%	0.105%
21	15.733	2145	2150	2160	rVB	79949	138576	2.45%	0.240%
22	15.875	2168	2174	2183	rVB2	829448	1206666	21.31%	2.093%
23	16.116	2210	2215	2224	rVB6	44574	89493	1.58%	0.155%
24	16.439	2261	2270	2275	rBV2	67975	147024	2.60%	0.255%
25	16.792	2326	2330	2337	rVB3	46693	77715	1.37%	0.135%
26	16.875	2340	2344	2349	rBV2	34646	66559	1.18%	0.115%
27	16.957	2354	2358	2367	rVB	132997	216472	3.82%	0.375%
28	17.139	2383	2389	2393	rBV	2308319	3313009	58.50%	5.745%
29	17.180	2393	2396	2403	rVV	2693459	3590723	63.40%	6.227%
30	17.269	2403	2411	2417	rVV	798470	1252823	22.12%	2.173%
31	17.333	2418	2422	2428	rVV3	37014	67651	1.19%	0.117%
32	17.545	2451	2458	2462	rBV	124859	199525	3.52%	0.346%
33	17.663	2474	2478	2483	rBV3	61093	94311	1.67%	0.164%
34	18.010	2533	2537	2540	rBV	202980	265471	4.69%	0.460%
35	18.051	2540	2544	2551	rVB2	448248	763390	13.48%	1.324%
36	18.133	2553	2558	2563	rVB2	142851	229955	4.06%	0.399%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.198	2564	2569	2573	rBV2	544549	807360	14.26%	1.400%
38	18.498	2616	2620	2625	rBV2	204428	335671	5.93%	0.582%
39	19.033	2708	2711	2718	rBV4	79286	134681	2.38%	0.234%
40	19.157	2727	2732	2740	rBV	3635411	4612057	81.43%	7.998%
41	19.286	2751	2754	2760	rBV4	174905	257057	4.54%	0.446%
42	19.510	2783	2792	2800	rBV	2747396	4593179	81.10%	7.965%
43	19.580	2801	2804	2811	rVB2	128762	232089	4.10%	0.402%
44	19.686	2818	2822	2823	rBV	184755	231935	4.10%	0.402%
45	19.716	2823	2827	2830	rVB	1508677	1788288	31.57%	3.101%
46	19.992	2871	2874	2878	rVB	513757	589761	10.41%	1.023%
47	20.092	2887	2891	2895	rVB	589107	663961	11.72%	1.151%
48	20.927	3030	3033	3036	rBV	252700	322240	5.69%	0.559%
49	20.969	3036	3040	3044	rVB3	384902	601426	10.62%	1.043%
50	21.233	3079	3085	3089	rBV2	3038360	5663666	100.00%	9.822%
51	21.274	3089	3092	3099	rVB	1358619	1774310	31.33%	3.077%
52	22.874	3357	3364	3376	rVB3	1126119	3972667	70.14%	6.889%
53	23.468	3460	3465	3474	rVB	963587	2042922	36.07%	3.543%
54	23.568	3477	3482	3488	rVV2	1586119	3015601	53.24%	5.230%

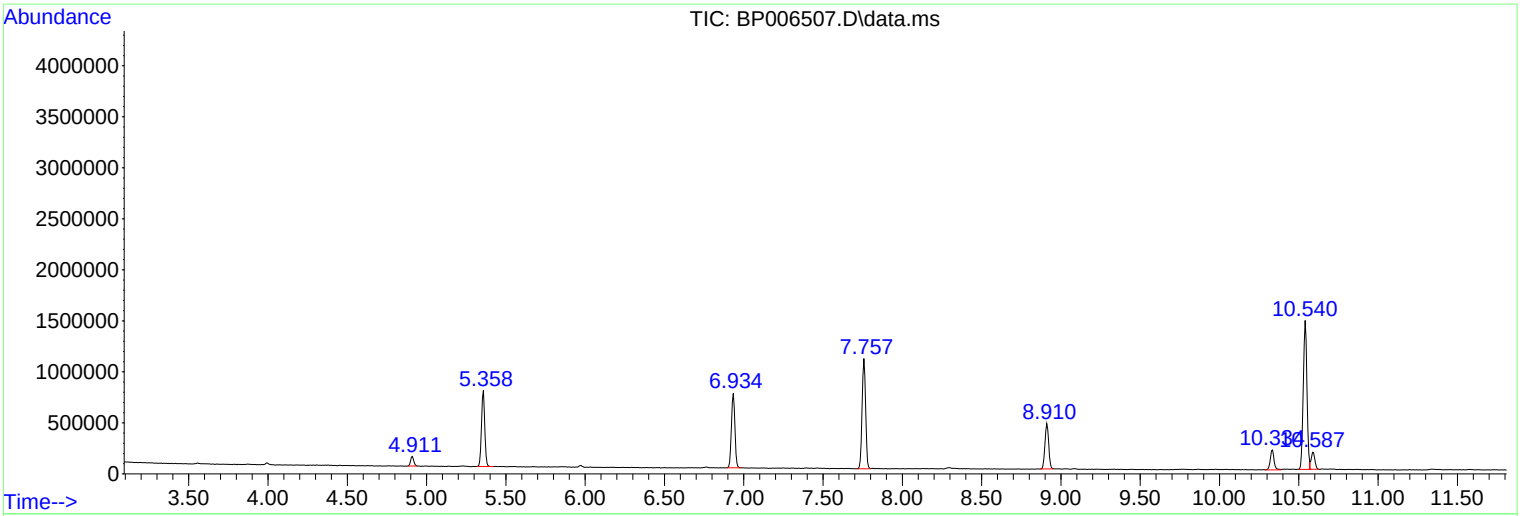
Sum of corrected areas: 57663969

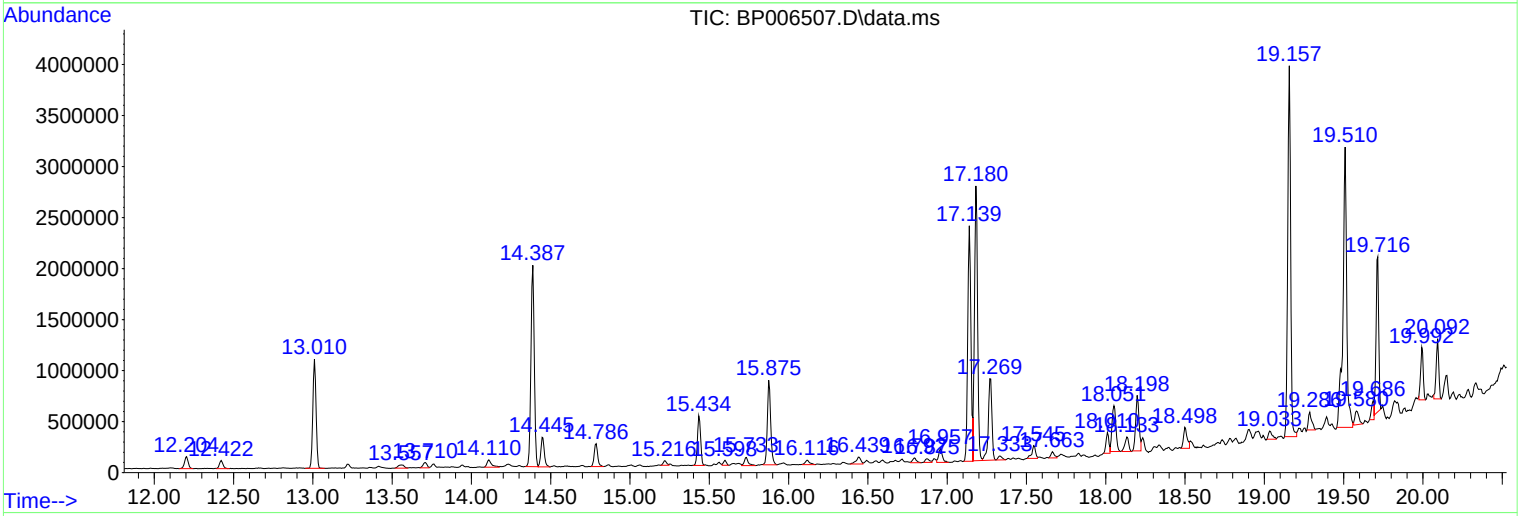
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

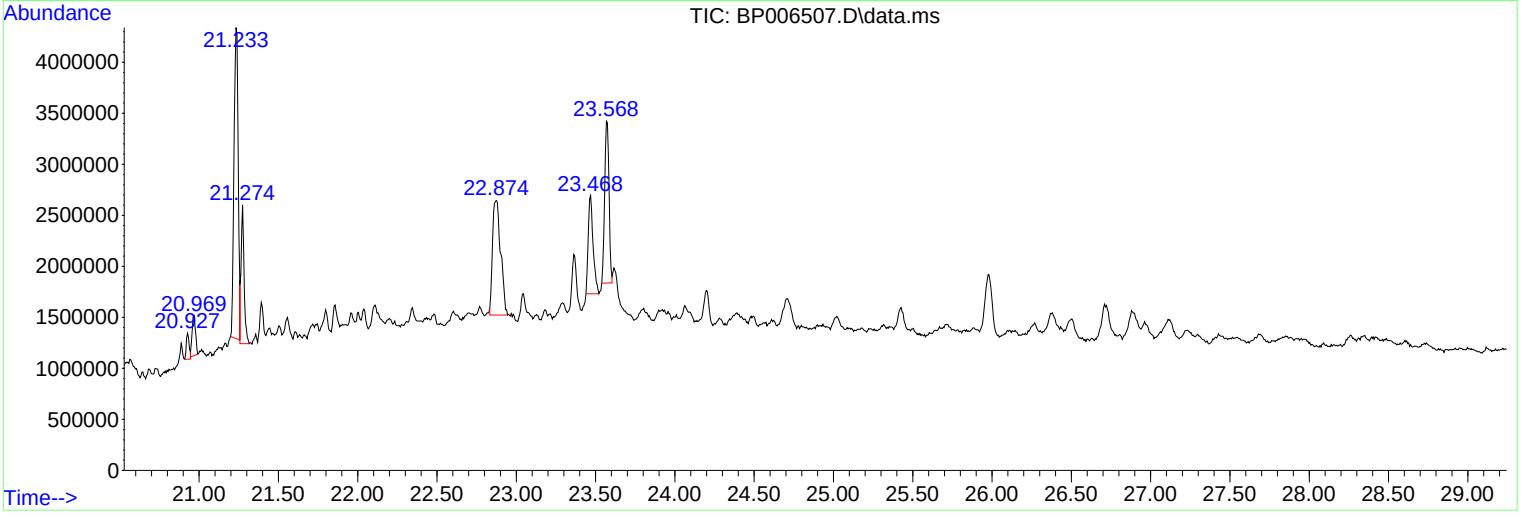
Instrument :
BNA_P
ClientSampleId :
OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

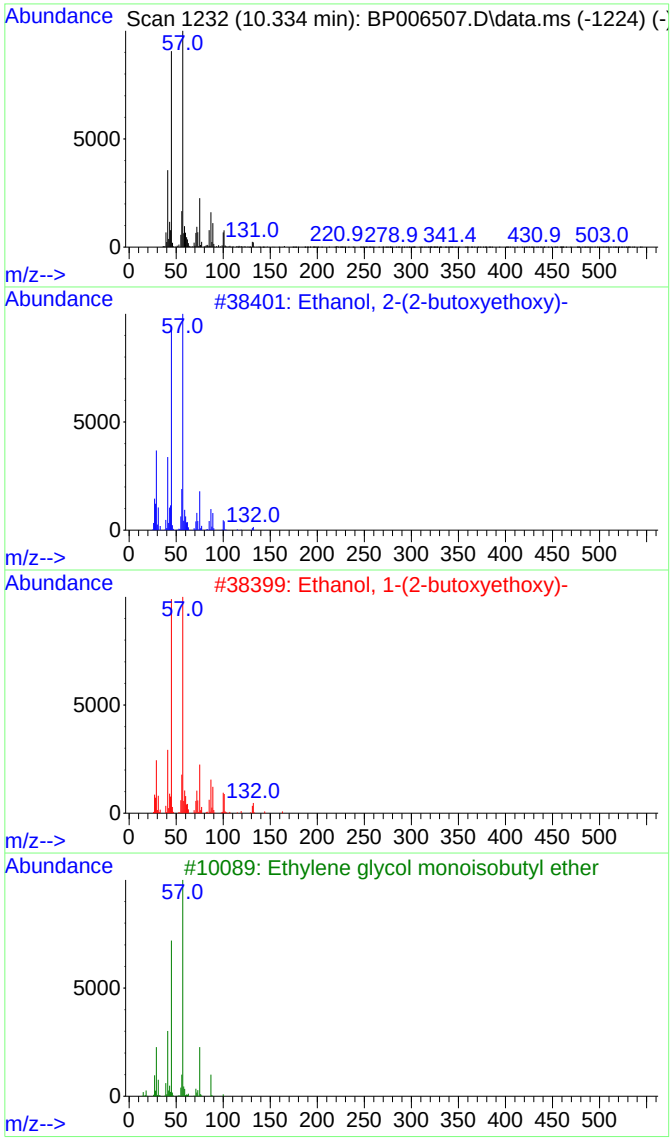
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

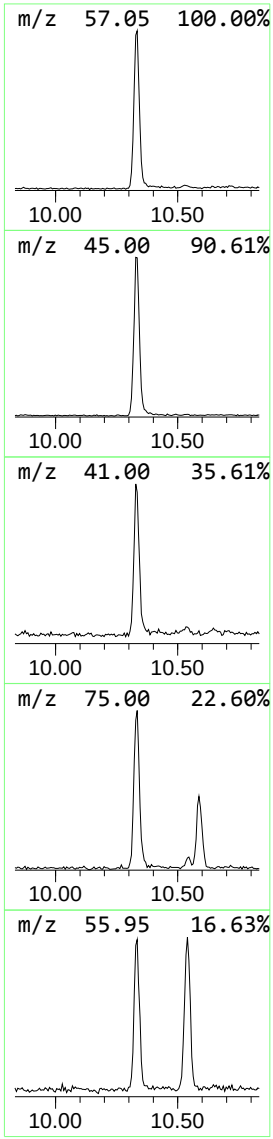
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	2.74 ng	324755	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	49
5	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

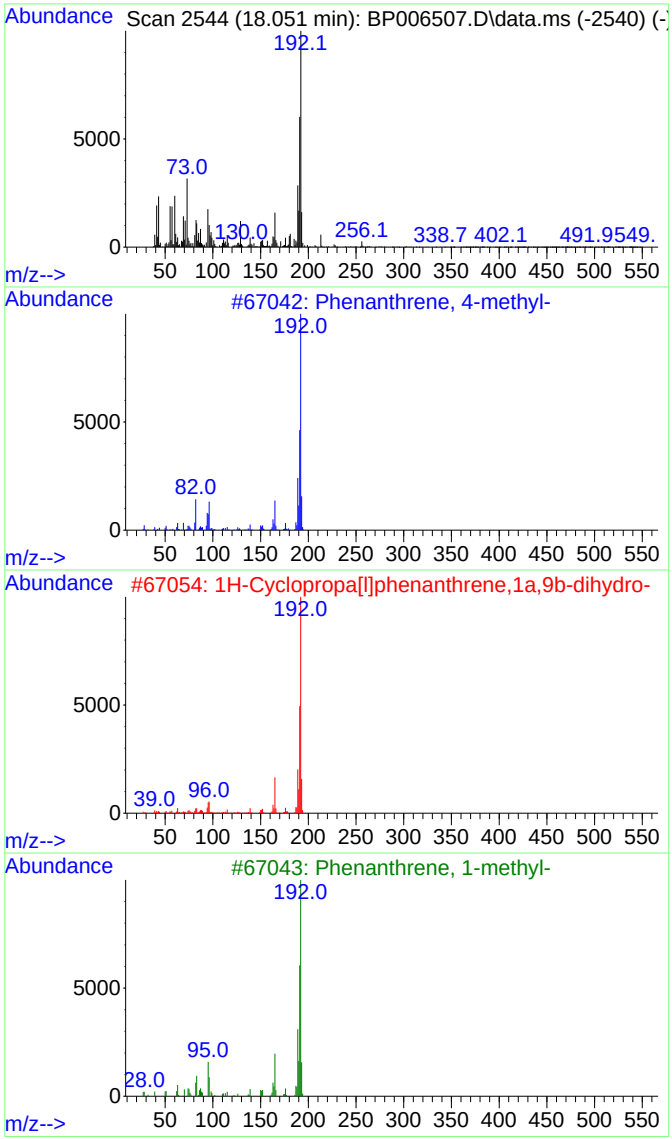
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

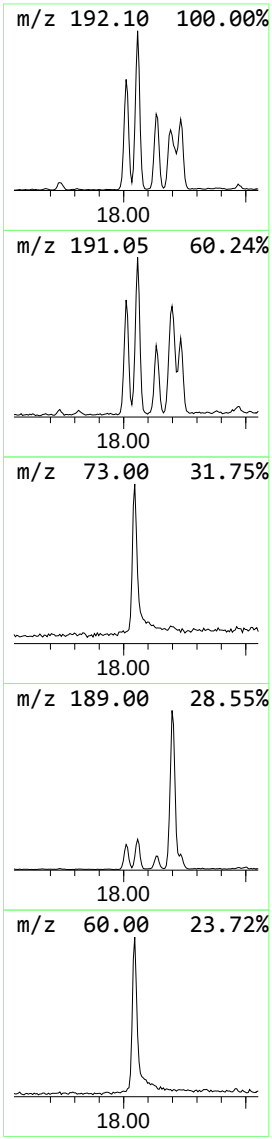
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	4.61 ng	763390	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

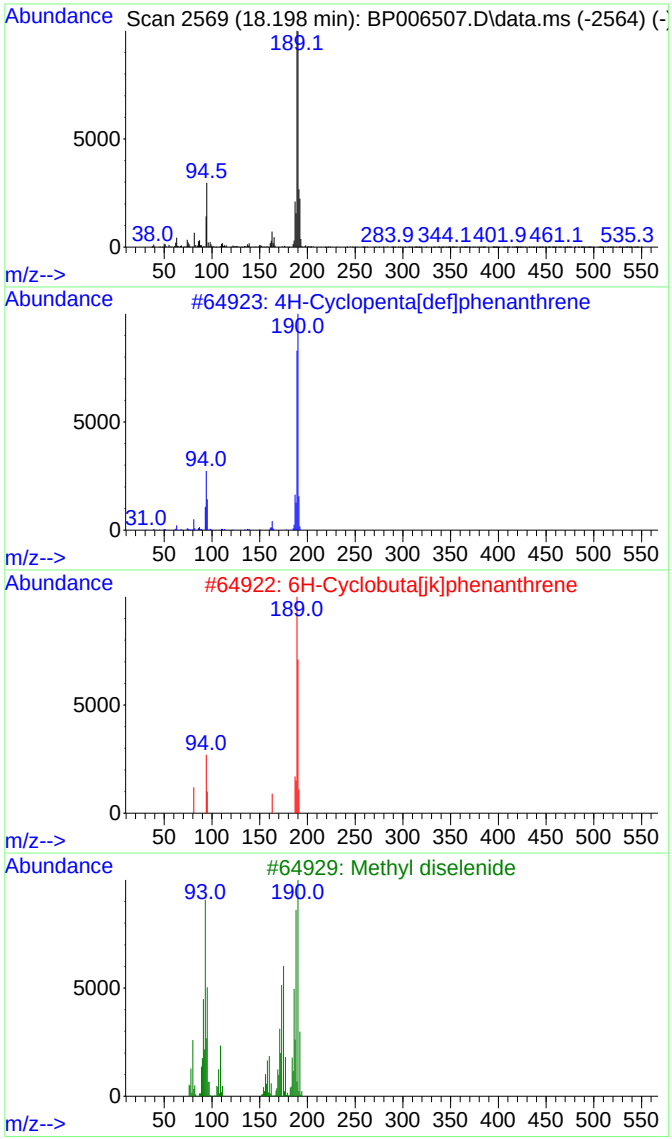
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

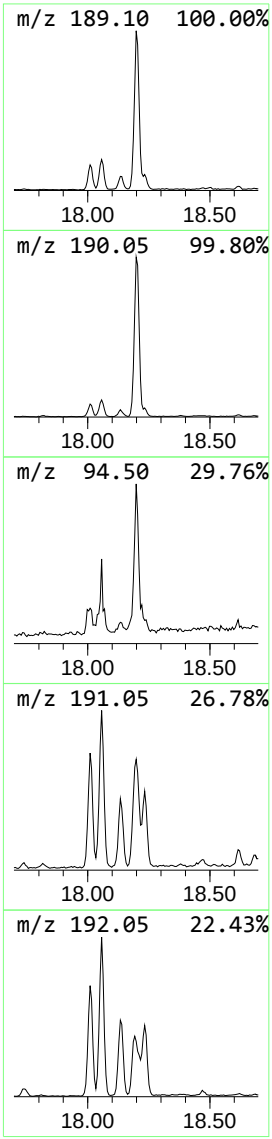
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	4.87 ng	807360	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

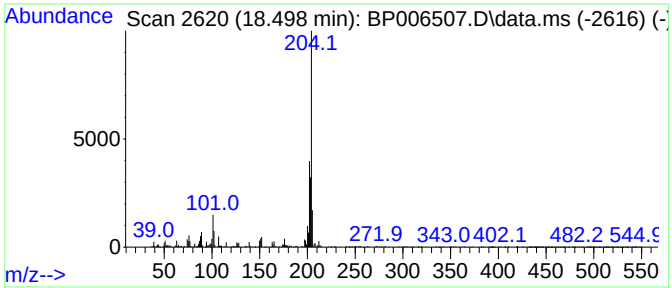
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

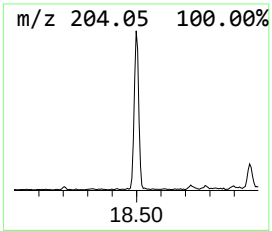
****

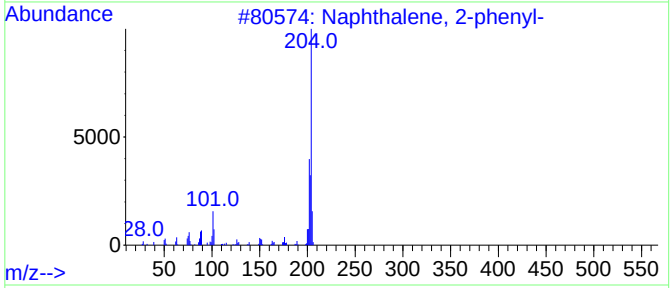
Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 7

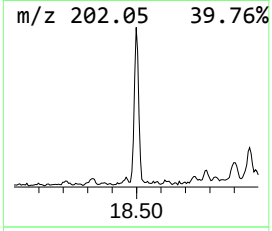
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	2.03 ng	335671	Phenanthrene-d10	17.139

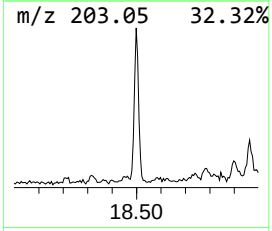
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	60

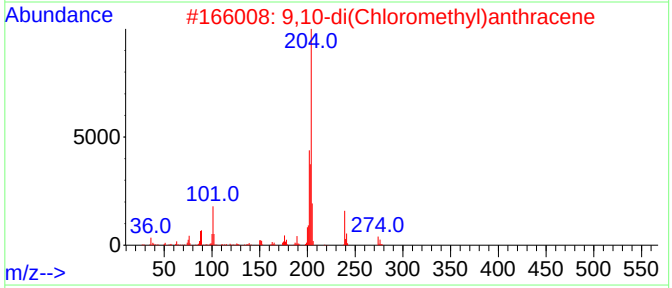


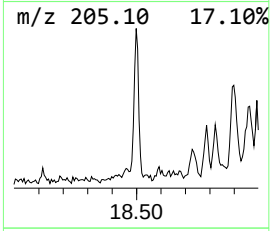


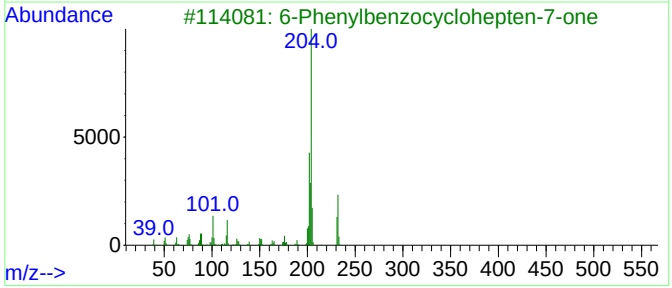


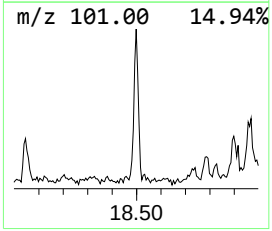












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

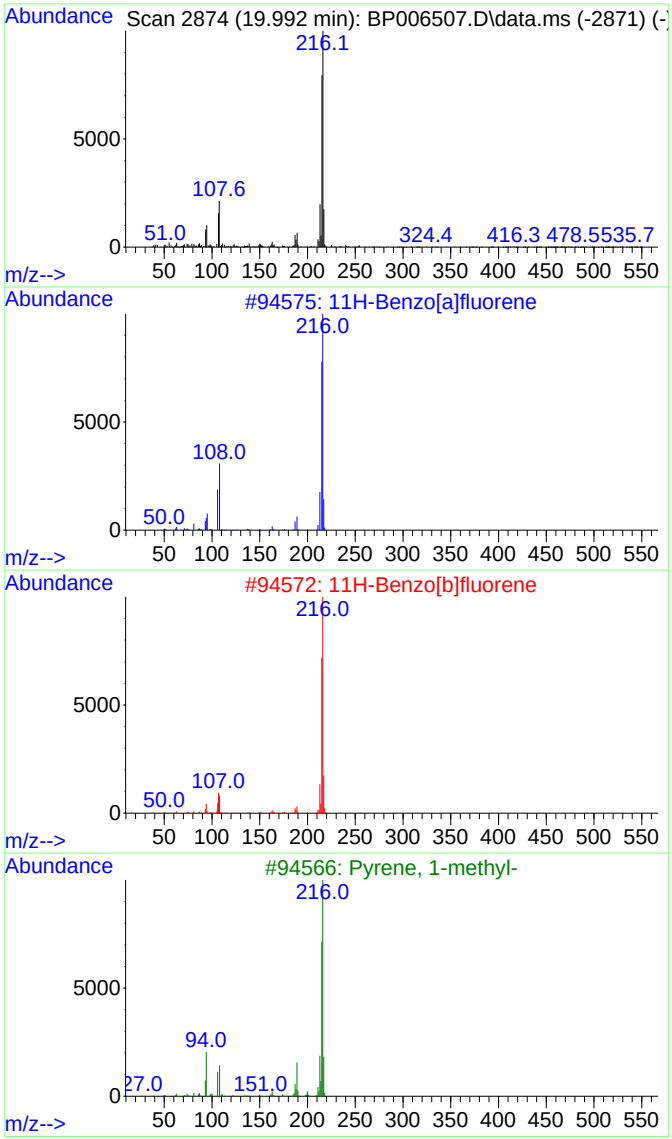
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

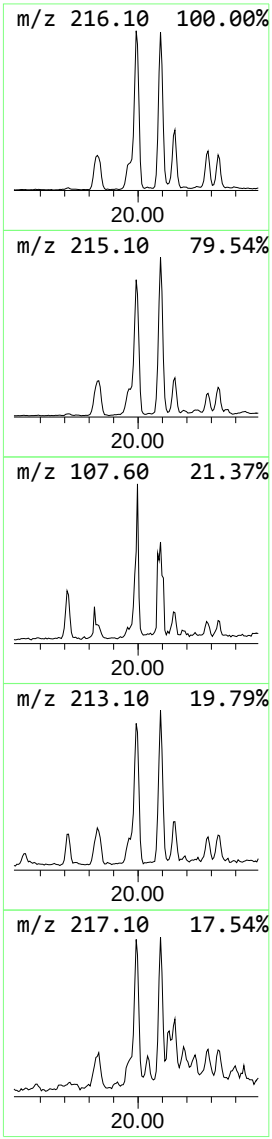
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.08 ng	589761	Chrysene-d12	21.239

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

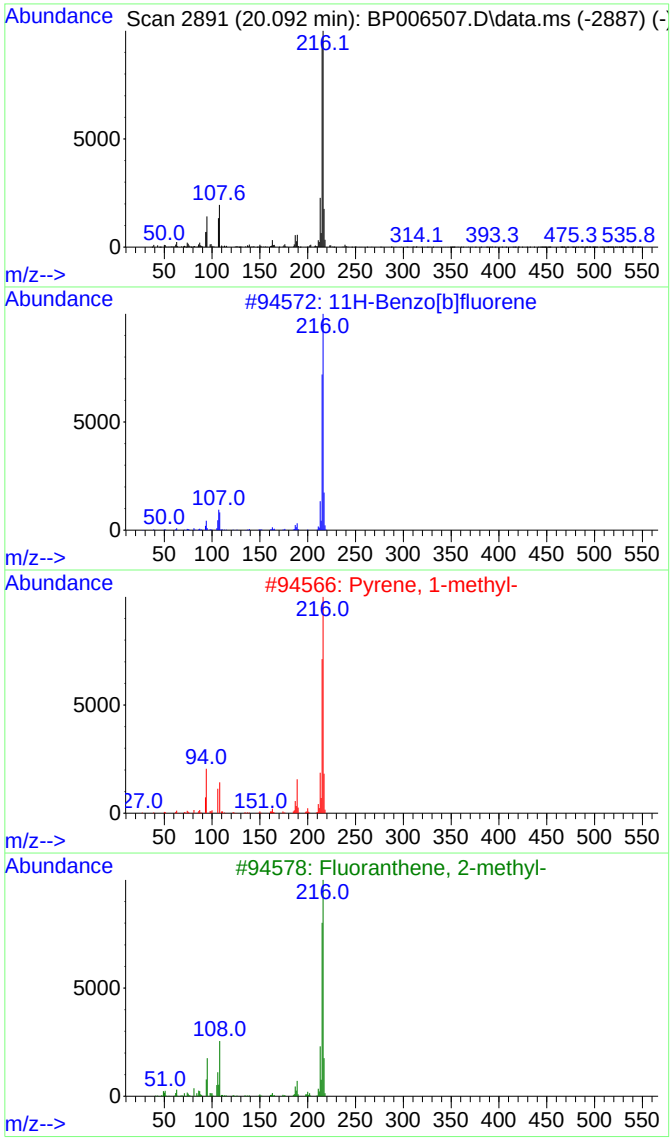
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

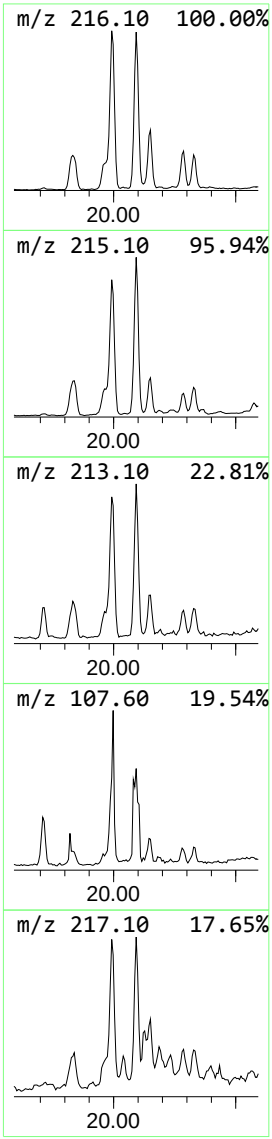
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.092	2.34 ng	663961	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006507.D
Acq On : 05 Aug 2021 15:07
Operator : CG/JU
Sample : M3256-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-03-080221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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...	10.334	2.7	ng	324755	2	10.540	2371820	20.0
Phenanthrene, 4...	18.051	4.6	ng	763390	4	17.139	3313010	20.0
4H-Cyclopenta[d...	18.198	4.9	ng	807360	4	17.139	3313010	20.0
Naphthalene, 2-...	18.498	2.0	ng	335671	4	17.139	3313010	20.0
11H-Benzo[a]flu...	19.992	2.1	ng	589761	5	21.239	5663670	20.0
11H-Benzo[b]flu...	20.092	2.3	ng	663961	5	21.239	5663670	20.0