LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009578.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	24	rVB	963967	1297412	8.77%	1.241%
2	5.369	399	405	429	rBV	3657693	6429777	43.44%	6.148%
3	6.957	664	675	694	rBV	3266498	6406713	43.29%	6.126%
4	7.657	785	794	804	rVB	84974	159381	1.08%	0.152%
5	7.763	805	812	830	rBV	869519	1738952	11.75%	1.663%
6	8.922	1001	1009	1035	rBV	2196814	4219341	28.51%	4.034%
7	10.557	1279	1287	1293	rBV	1101435	2120582	14.33%	2.028%
8	10.604	1293	1295	1305	rVB	128507	220677	1.49%	0.211%
9	13.034	1700	1708	1723	rBV	5988173	10051202	67.91%	9.611%
10	14.134	1889	1895	1909	rBV	195420	448926	3.03%	0.429%
11	14.410	1933	1942	1948	rBV	1768895	2902984	19.61%	2.776%
12	14.475	1948	1953	1962	rVB	356886	638016	4.31%	0.610%
13	14.816	2006	2011	2017	rBV	151750	239343	1.62%	0.229%
14	15.469	2117	2122	2134	rVB	243942	468184	3.16%	0.448%
15	15.910	2191	2197	2206	rBV	4692567	7544699	50.98%	7.214%
16	16.992	2378	2381	2390	rVB	142425	265462	1.79%	0.254%
17	17.175	2406	2412	2416	rBV	2183083	3426086	23.15%	3.276%
18	17.216	2416	2419	2427	rVV	1797084	2625997	17.74%	2.511%
19	17.310	2430	2435	2441	rVB	587389	917361	6.20%	0.877%
20	17.586	2479	2482	2492	rVB	134053	202549	1.37%	0.194%
21	18.051	2558	2561	2564	rBV2	151818	185524	1.25%	0.177%
22	18.092	2564	2568	2576	rVB2	320116	577424	3.90%	0.552%
23	18.239	2589	2593	2598	rBV2	505818	824868	5.57%	0.789%
24	19.204	2752	2757	2763	rVB	3809258	5052190	34.14%	4.831%
25	19.557	2808	2817	2826	rBV	3530557	6088482	41.14%	5.822%
26	19.757	2845	2851	2856	rBV	11574675	14800042	100.00%	14.152%
27	20.045	2897	2900	2907	rVB2	655461	913347	6.17%	0.873%
28	20.139	2913	2916	2920	rBV	532522	733935	4.96%	0.702%
29	20.992	3058	3061	3064	rBV2	517364	653036	4.41%	0.624%
30	21.210	3095	3098	3102	rVB	999192	1106544	7.48%	1.058%
31	21.292	3106	3112	3116	rVV2	3722312	7074250	47.80%	6.764%
32	21.327	3116	3118	3128	rVB	1492230	2048255	13.84%	1.959%
33	21.410	3129	3132	3136	rBV2	625508	881995	5.96%	0.843%
34	22.962	3391	3396	3409	rVB2	1718728	4498135	30.39%	4.301%
35	23.580	3496	3501	3510	rVB	1297475	2906401	19.64%	2.779%
36	23.686	3513	3519	3525	rBV2	1938201	3913657	26.44%	3.742%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

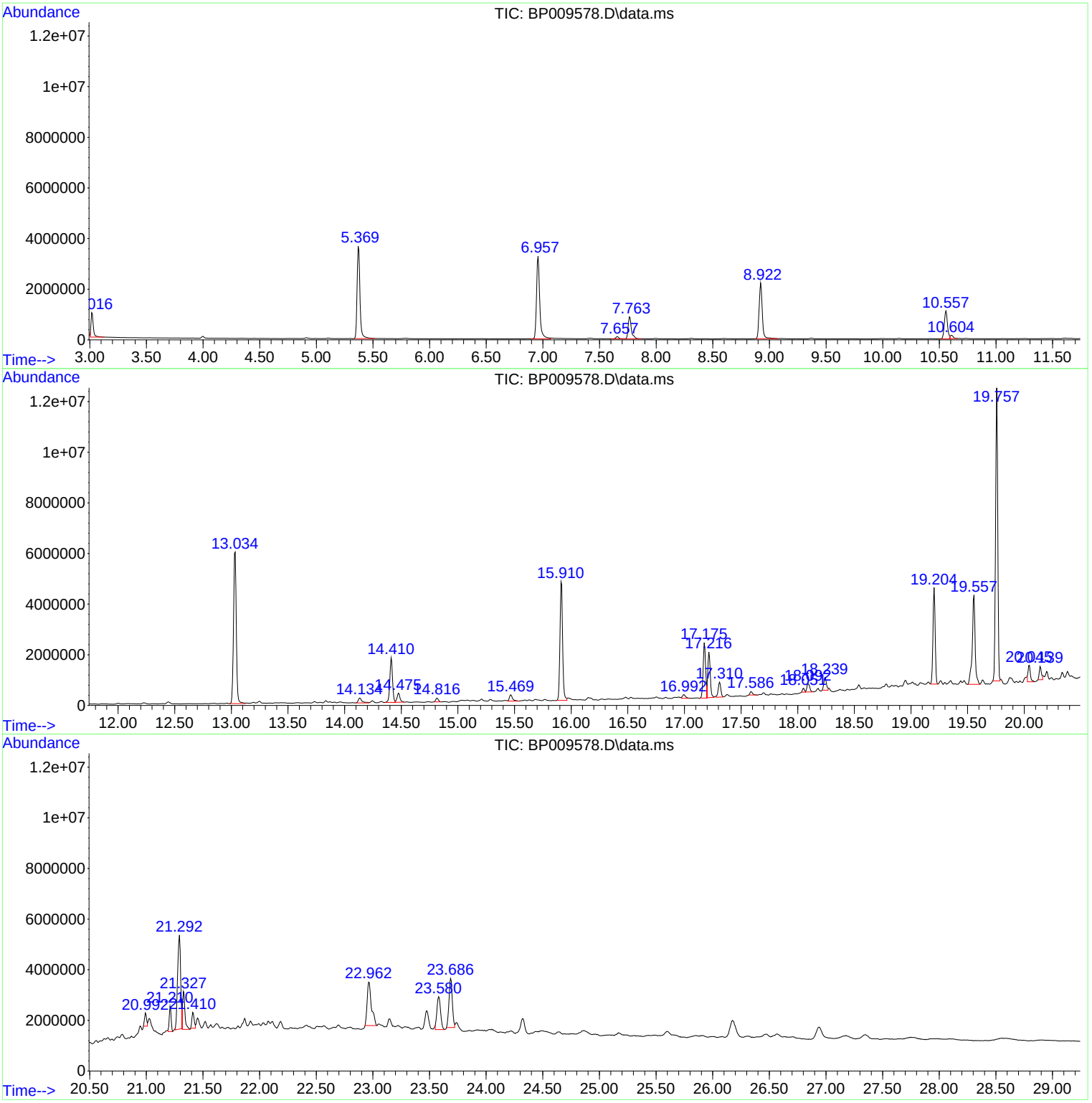
Sum of corrected areas: 104581729

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

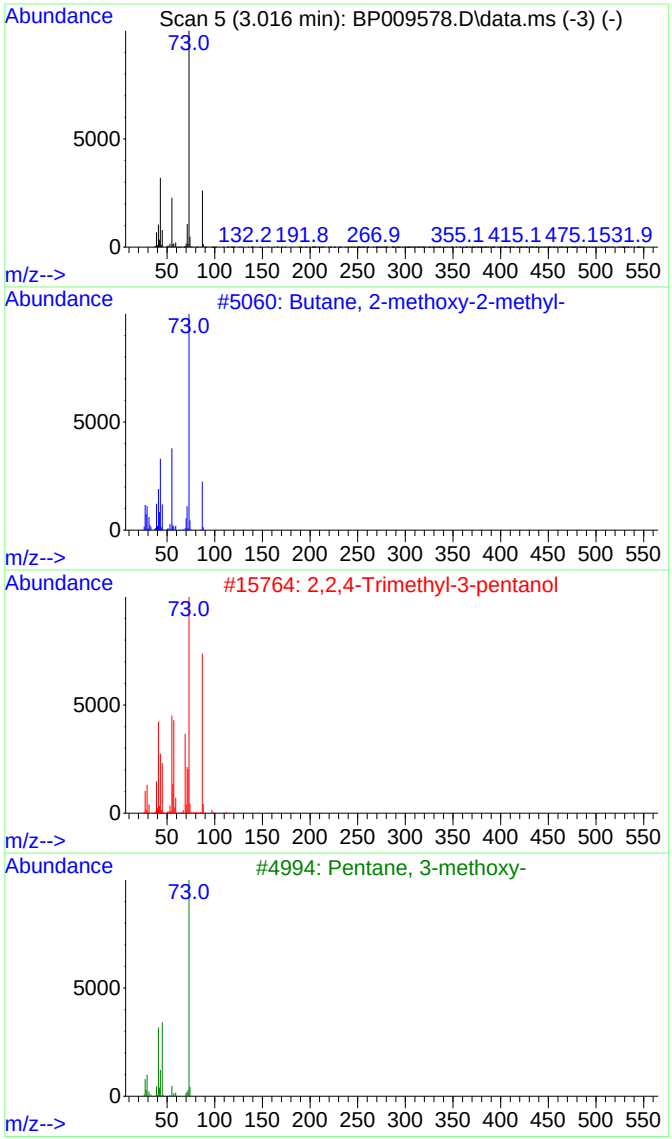
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

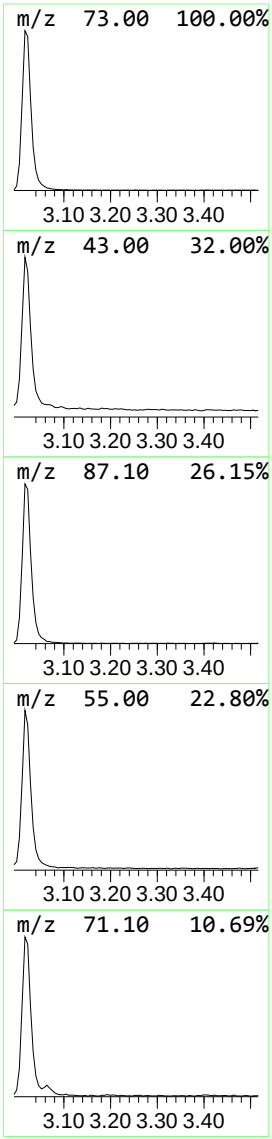
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	14.92 ng	1297410	1,4-Dichlorobenzene-d4	7.763

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	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

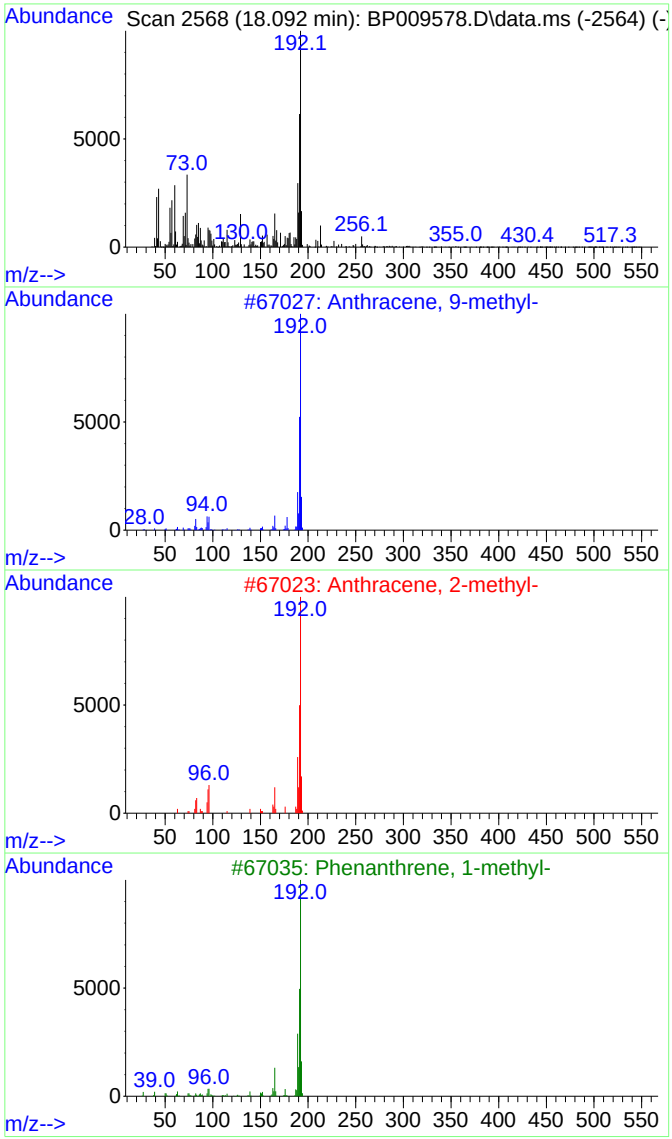
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

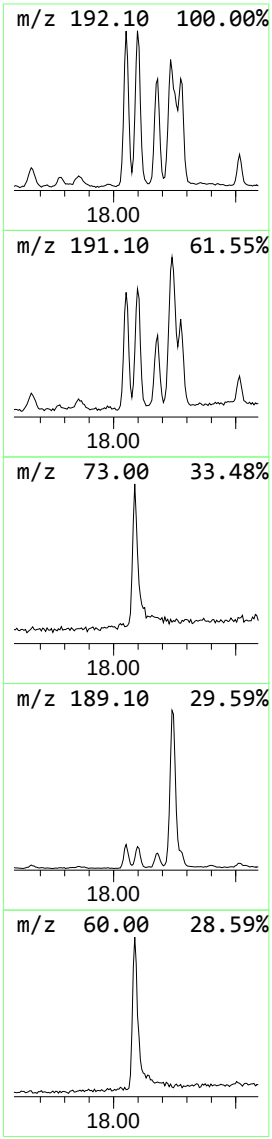
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	3.37 ng	577424	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

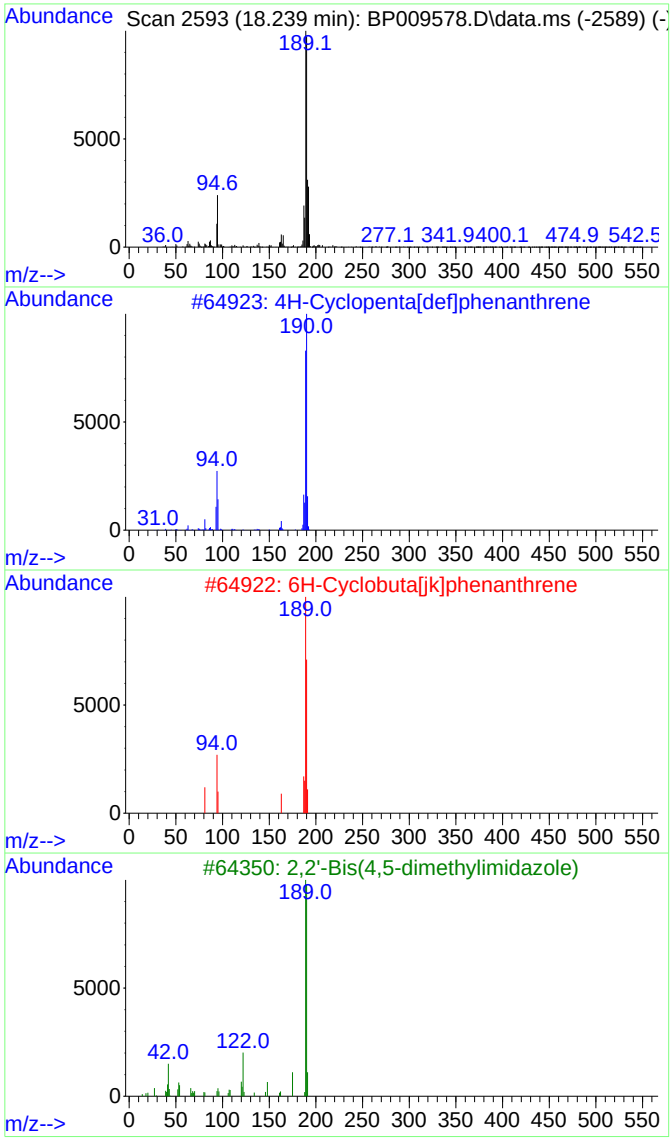
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

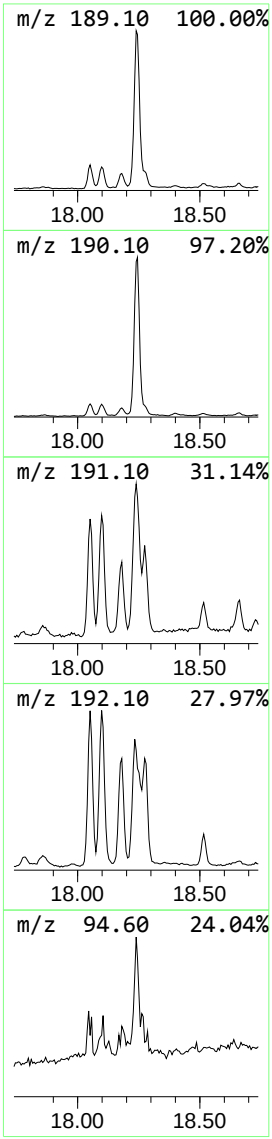
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.82 ng	824868	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

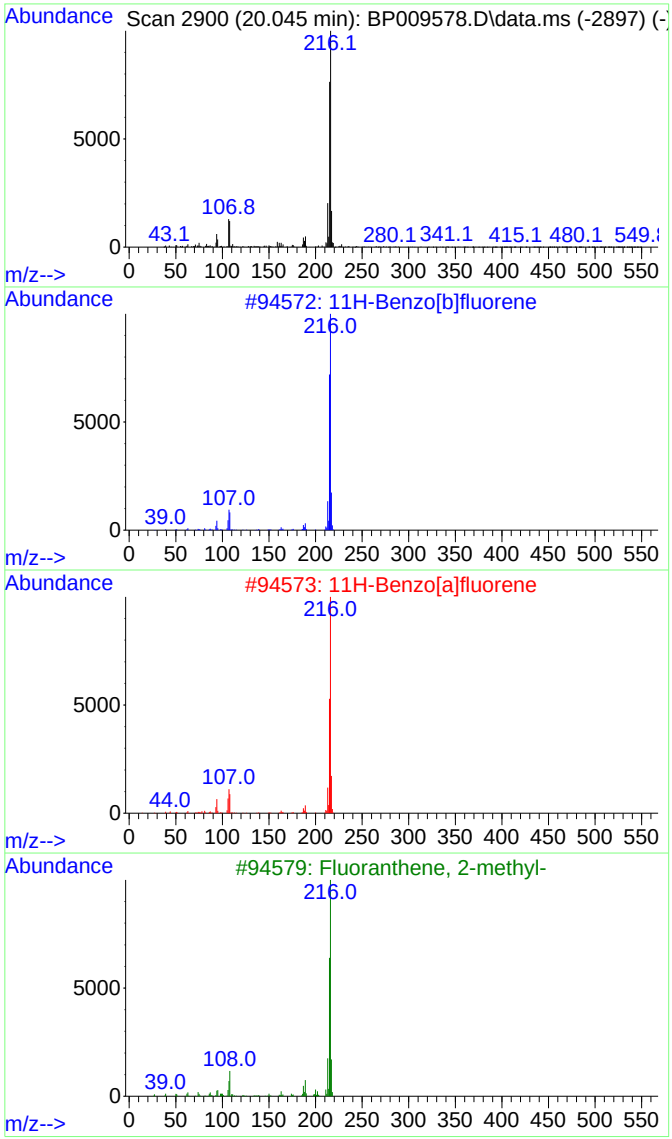
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

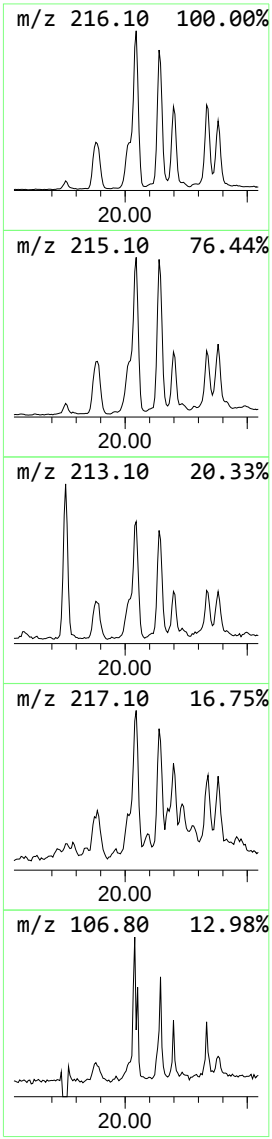
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.58 ng	913347	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

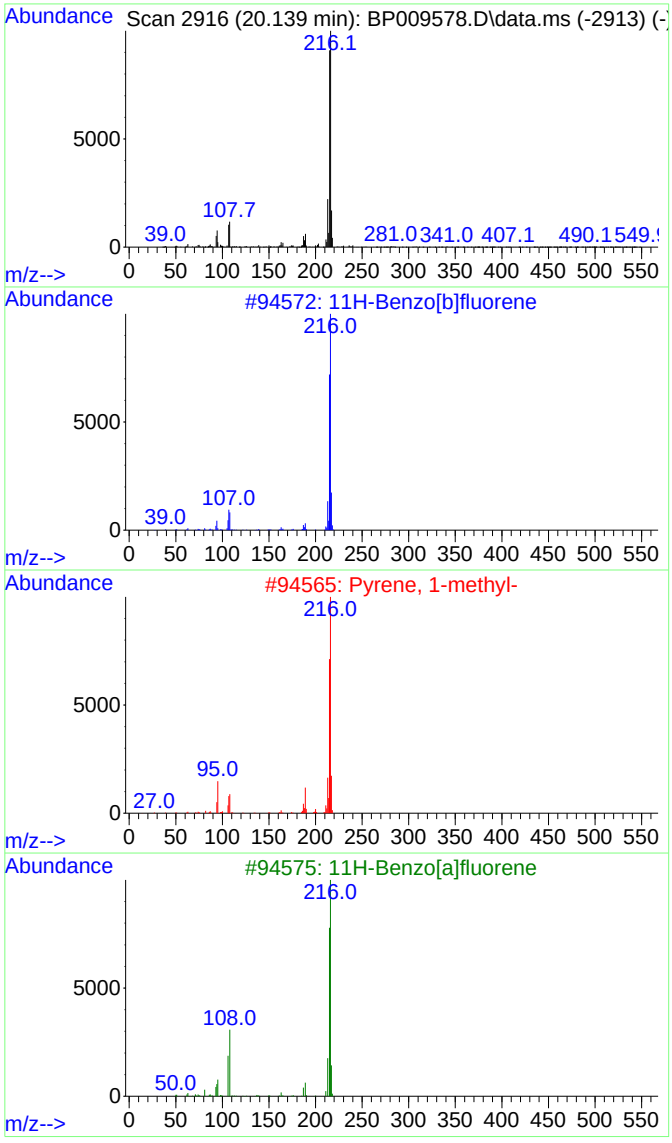
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

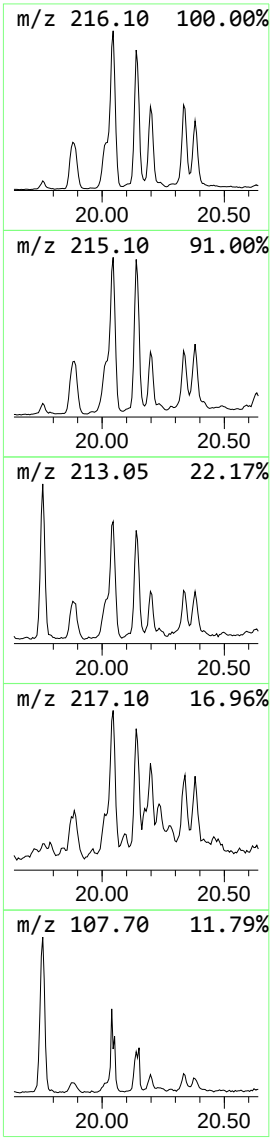
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.07 ng	733935	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

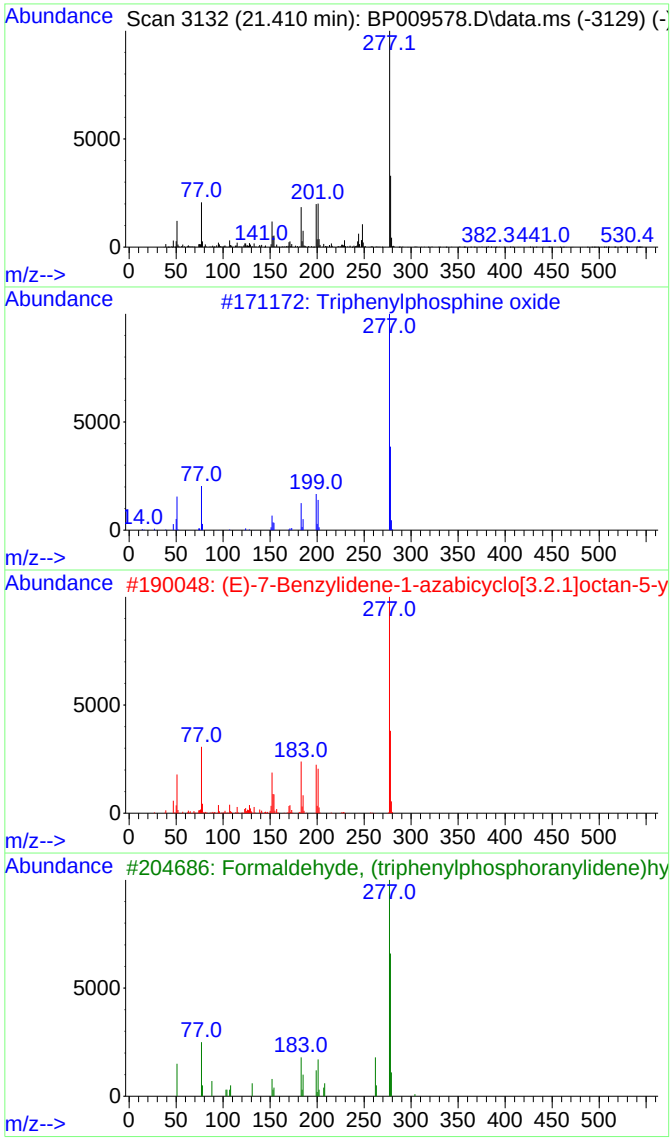
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

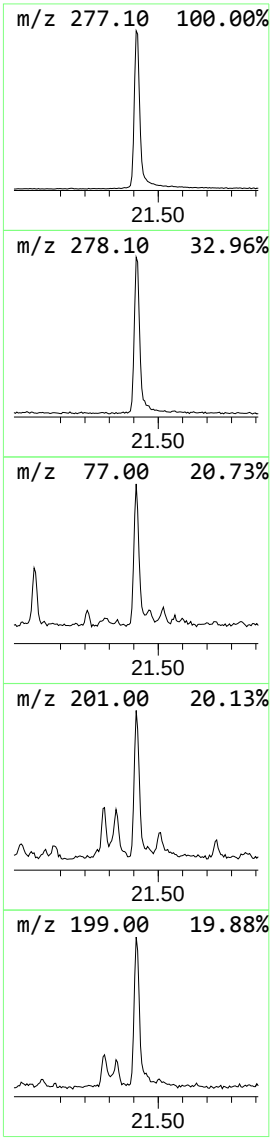
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	2.49 ng	881995	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	64
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009578.D
Acq On : 28 Mar 2022 22:17
Operator : CG/JU
Sample : N2103-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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...	3.016	14.9	ng	1297410	1	7.763	1738950	20.0
Anthracene, 9-m...	18.092	3.4	ng	577424	4	17.174	3426090	20.0
4H-Cyclopenta[d...	18.239	4.8	ng	824868	4	17.174	3426090	20.0
11H-Benzo[b]flu...	20.045	2.6	ng	913347	5	21.292	7074250	20.0
Pyrene, 1-methyl-	20.139	2.1	ng	733935	5	21.292	7074250	20.0
Triphenylphosph...	21.410	2.5	ng	881995	5	21.292	7074250	20.0