LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-240

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.746	73	78	89	rBV	30130	47895	3.48%	0.360%
2	5.185	317	323	332	rBV	42259	67081	4.88%	0.504%
3	5.667	399	405	420	rVB	404603	667314	48.51%	5.012%
4	7.288	672	681	698	rBV	392125	707945	51.47%	5.317%
5	8.129	817	824	835	rBV	104884	181710	13.21%	1.365%
6	9.304	1016	1024	1040	rBV	238926	442324	32.16%	3.322%
7	10.955	1297	1305	1312	rBV	151256	270292	19.65%	2.030%
8	13.387	1711	1719	1734	rBV	600065	939143	68.28%	7.054%
9	13.940	1805	1813	1820	rBV3	5816	13866	1.01%	0.104%
10	14.086	1831	1838	1843	rBV3	11110	19576	1.42%	0.147%
11	14.498	1902	1908	1916	rBV2	9819	16923	1.23%	0.127%
12	14.768	1945	1954	1961	rBV	261689	409004	29.74%	3.072%
13	15.156	2013	2020	2025	rBV2	7823	14093	1.02%	0.106%
14	15.814	2126	2132	2141	rVB3	15705	30003	2.18%	0.225%
15	16.254	2201	2207	2220	rBV	471291	789979	57.43%	5.934%
16	16.454	2235	2241	2256	rVB8	13831	42479	3.09%	0.319%
17	16.813	2293	2302	2307	rBV3	15947	35634	2.59%	0.268%
18	16.960	2323	2327	2333	rVB3	9018	14716	1.07%	0.111%
19	17.336	2386	2391	2397	rVB	14264	22862	1.66%	0.172%
20	17.518	2416	2422	2426	rBV	333509	527443	38.35%	3.962%
21	17.559	2426	2429	2435	rVV	119830	170512	12.40%	1.281%
22	17.653	2435	2445	2449	rVV	22839	41495	3.02%	0.312%
23	17.706	2449	2454	2459	rVB6	10007	19679	1.43%	0.148%
24	18.099	2516	2521	2528	rVB	21076	34142	2.48%	0.256%
25	18.240	2540	2545	2553	rBV	16451	32438	2.36%	0.244%
26	18.393	2565	2571	2575	rBV	71095	115786	8.42%	0.870%
27	18.440	2575	2579	2585	rVB	89986	135707	9.87%	1.019%
28	18.522	2587	2593	2597	rBV	28092	43641	3.17%	0.328%
29	18.581	2597	2603	2608	rVV2	86539	186809	13.58%	1.403%
30	18.622	2608	2610	2615	rVB	56240	63648	4.63%	0.478%
31	18.787	2634	2638	2642	rVB	14424	18880	1.37%	0.142%
32	18.834	2642	2646	2650	rBV6	10676	16890	1.23%	0.127%
33	18.881	2650	2654	2658	rVV	41341	63430	4.61%	0.476%
34	18.934	2661	2663	2672	rVB4	18889	41996	3.05%	0.315%
35	19.057	2679	2684	2688	rBV	8472	14374	1.05%	0.108%
36	19.128	2688	2696	2700	rBV3	34056	70342	5.11%	0.528%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.175	2700	2704	2708	rBV	42053	58485	4.25%	0.439%
38	19.227	2708	2713	2721	rBV	787459	1110383	80.73%	8.340%
39	19.298	2721	2725	2729	rVB	97466	143048	10.40%	1.074%
40	19.357	2730	2735	2739	rBV3	32537	61614	4.48%	0.463%
41	19.439	2744	2749	2753	rBV3	30160	67361	4.90%	0.506%
42	19.533	2761	2765	2766	rBV	35070	39425	2.87%	0.296%
43	19.562	2766	2770	2775	rVV	178954	266830	19.40%	2.004%
44	19.615	2776	2779	2783	rVV2	19860	28970	2.11%	0.218%
45	19.656	2783	2786	2793	rVB3	22074	28221	2.05%	0.212%
46	19.715	2793	2796	2800	rBV3	9462	15835	1.15%	0.119%
47	19.803	2807	2811	2814	rBV3	26895	38619	2.81%	0.290%
48	19.927	2823	2832	2839	rVB	331544	565917	41.14%	4.251%
49	19.997	2839	2844	2849	rBV	58234	96067	6.98%	0.722%
50	20.068	2852	2856	2858	rVV4	21765	38704	2.81%	0.291%
51	20.115	2859	2864	2869	rVV	1054781	1375483	100.00%	10.331%
52	20.150	2869	2870	2875	rVV2	24180	31533	2.29%	0.237%
53	20.256	2879	2888	2894	rVB4	53765	155746	11.32%	1.170%
54	20.391	2906	2911	2914	rBV3	81604	155065	11.27%	1.165%
55	20.514	2929	2932	2936	rVB	42346	50751	3.69%	0.381%
56	20.579	2937	2943	2946	rBV	101705	157321	11.44%	1.182%
57	20.714	2961	2966	2970	rBV	101245	148481	10.79%	1.115%
58	20.761	2970	2974	2982	rVB2	77687	132166	9.61%	0.993%
59	21.413	3081	3085	3090	rVB3	72323	124305	9.04%	0.934%
60	21.660	3124	3127	3132	rBV2	24099	35923	2.61%	0.270%
61	21.807	3144	3152	3157	rBV2	364965	847301	61.60%	6.364%
62	21.854	3157	3160	3168	rVB	134920	227338	16.53%	1.708%
63	21.965	3176	3179	3183	rVB2	41007	54219	3.94%	0.407%
64	22.565	3278	3281	3289	rVB2	47972	96209	6.99%	0.723%
65	25.021	3692	3699	3711	rVB	88667	261162	18.99%	1.962%
66	25.179	3717	3726	3736	rBV2	194223	571030	41.51%	4.289%

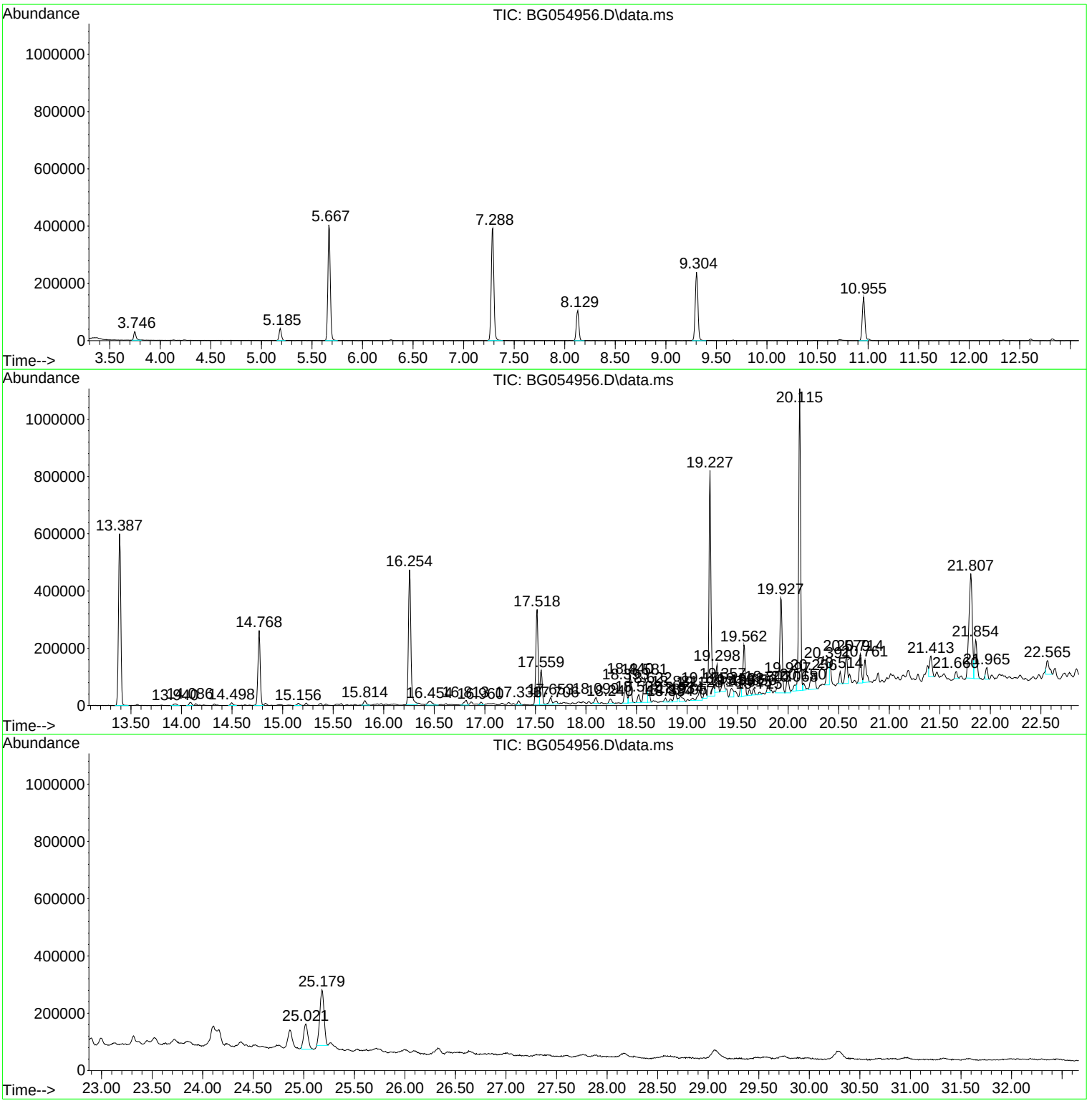
Sum of corrected areas: 13313563

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

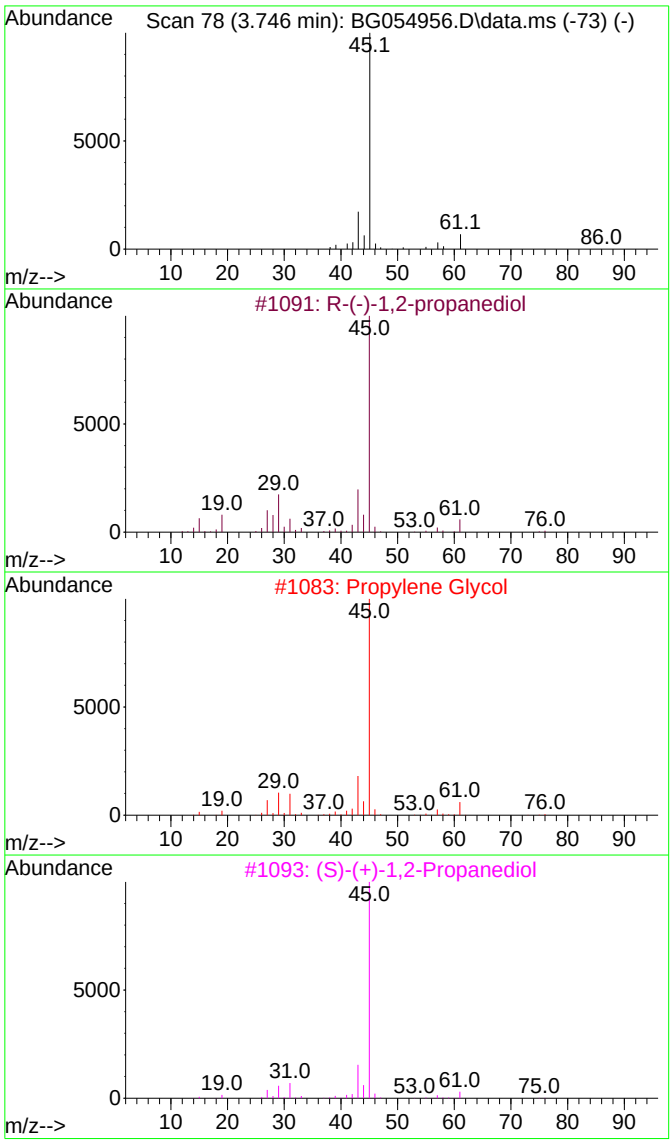
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

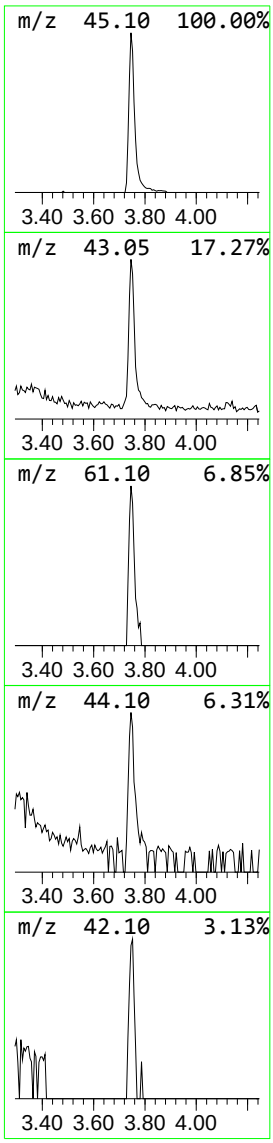
****

Peak Number 1 unknown3.746 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.746	5.27 ng	47895	1,4-Dichlorobenzene-d4	8.129

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	L-Lactic acid	90	C3H6O3	000079-33-4	9
5	2-Butanol, (R)-	74	C4H10O	014898-79-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

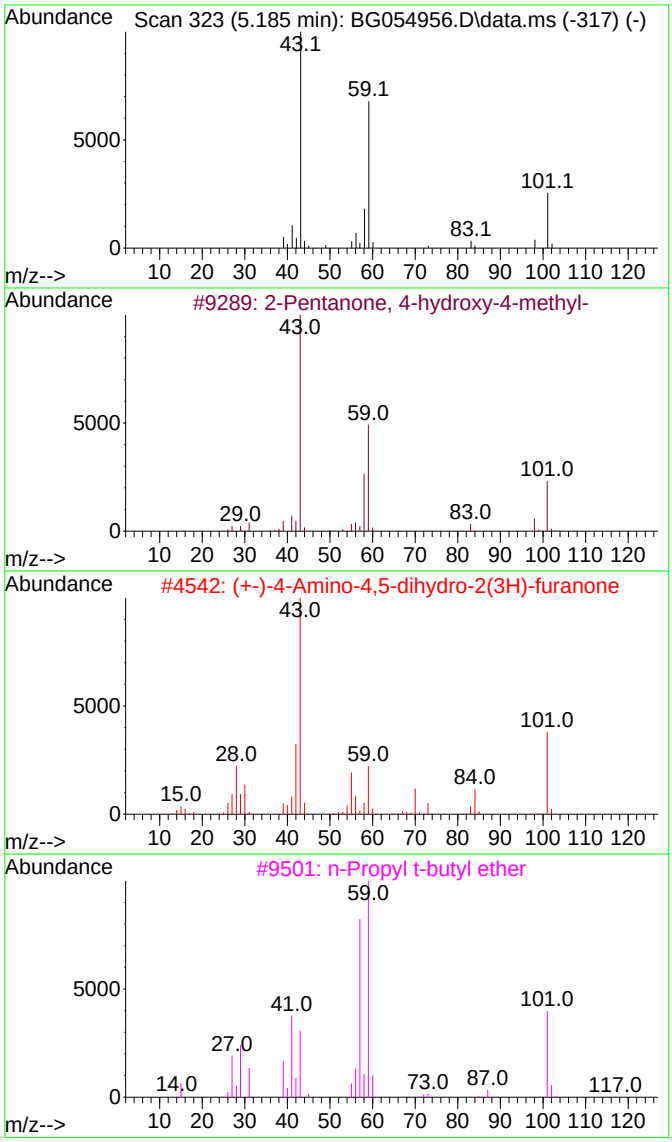
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

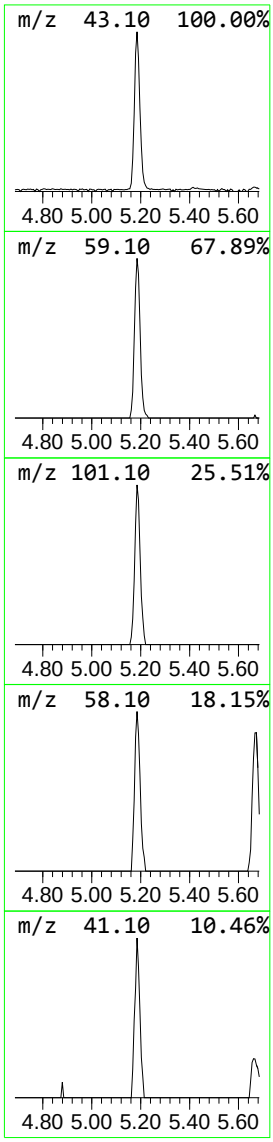
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.185	7.38 ng	67081	1,4-Dichlorobenzene-d4	8.129

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

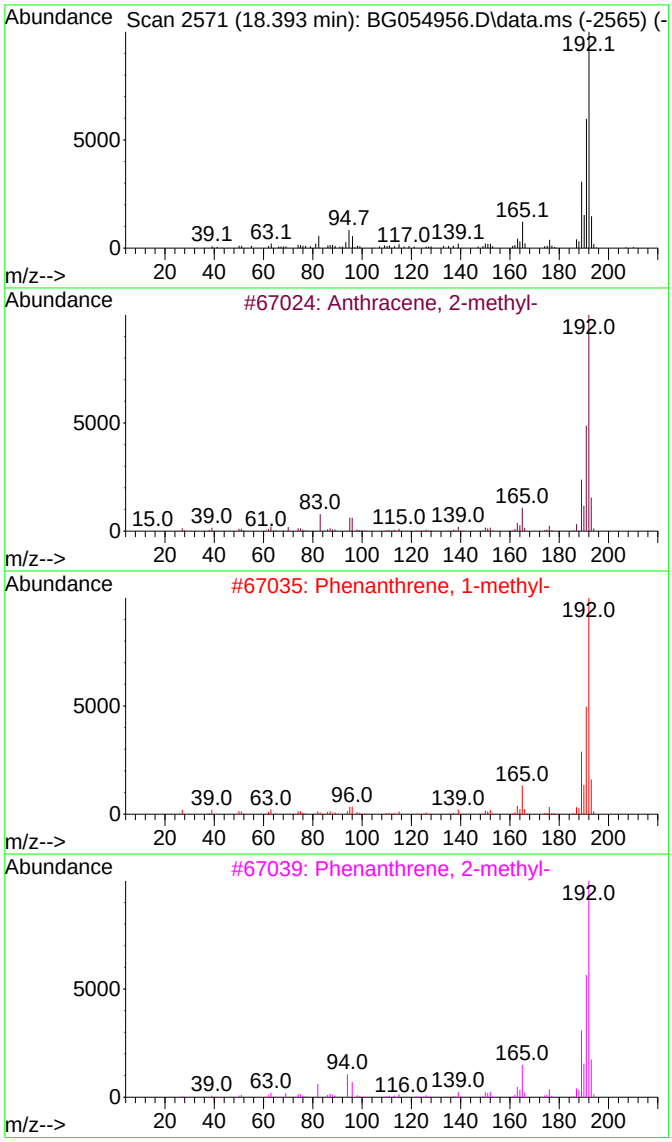
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

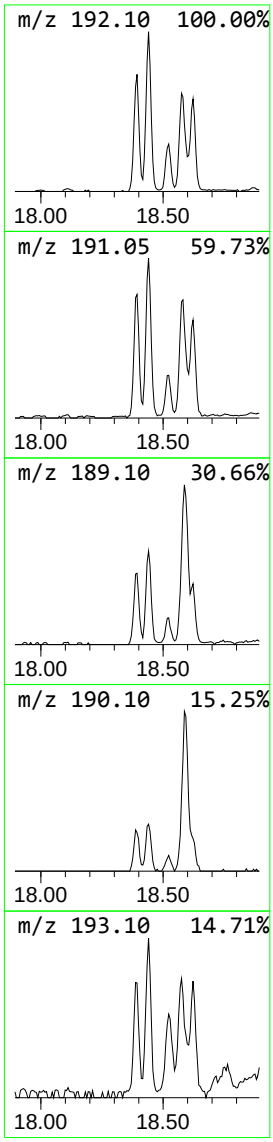
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.393	4.39 ng	115786	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

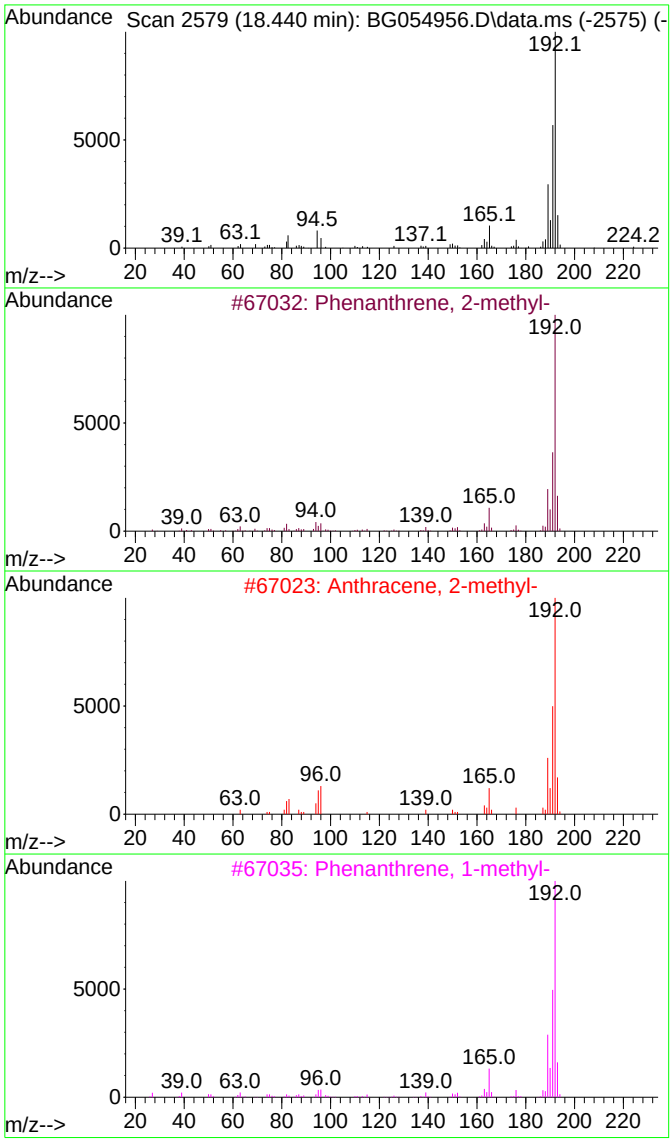
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

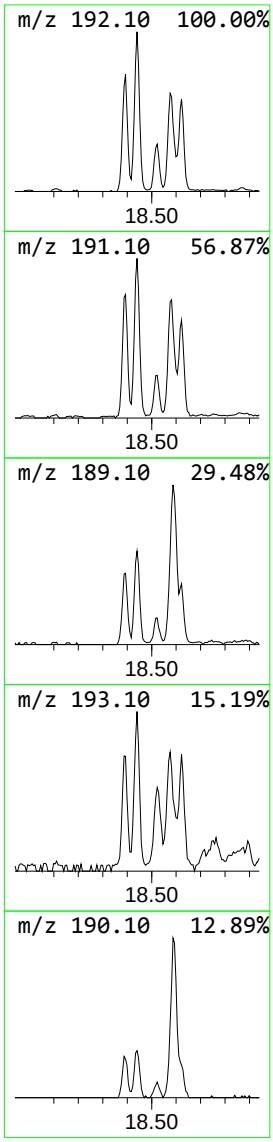
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.440	5.15 ng	135707	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

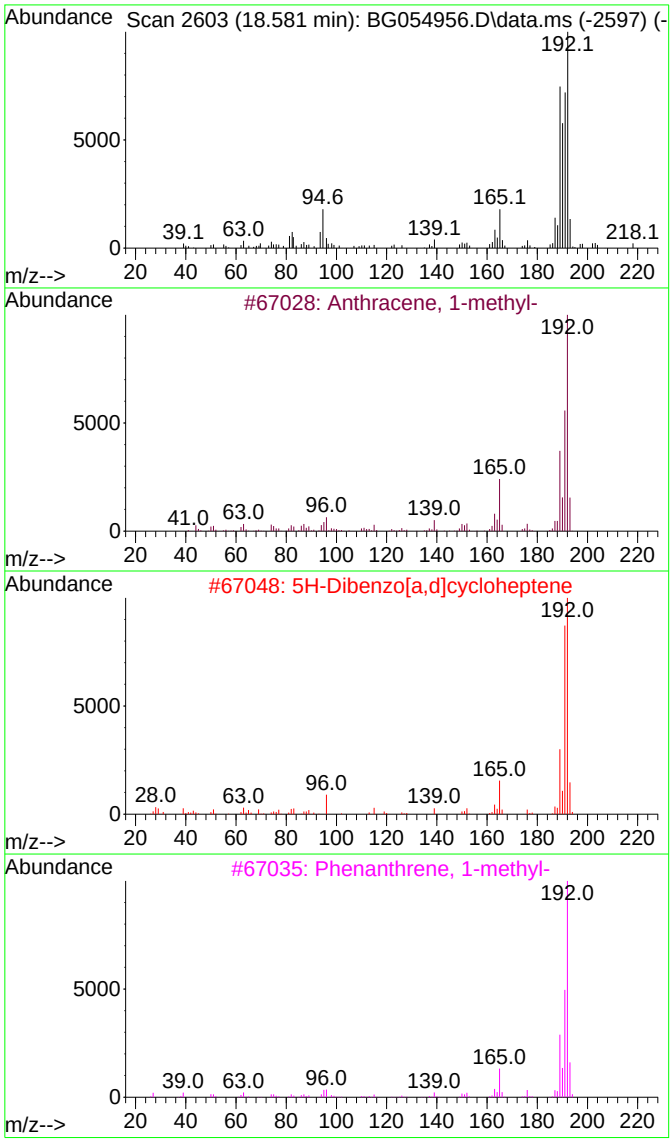
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

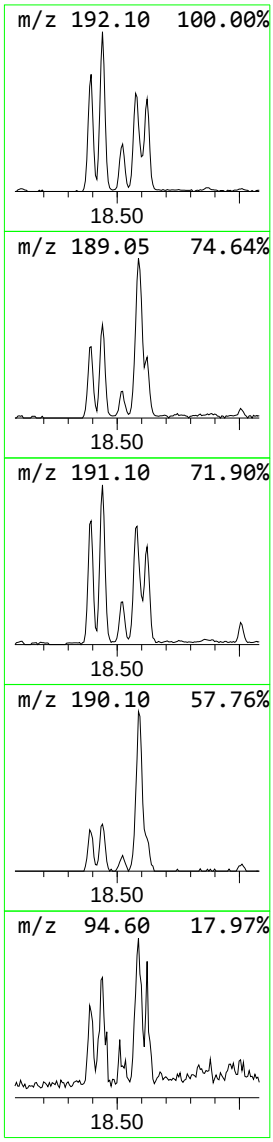
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.581	7.08 ng	186809	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

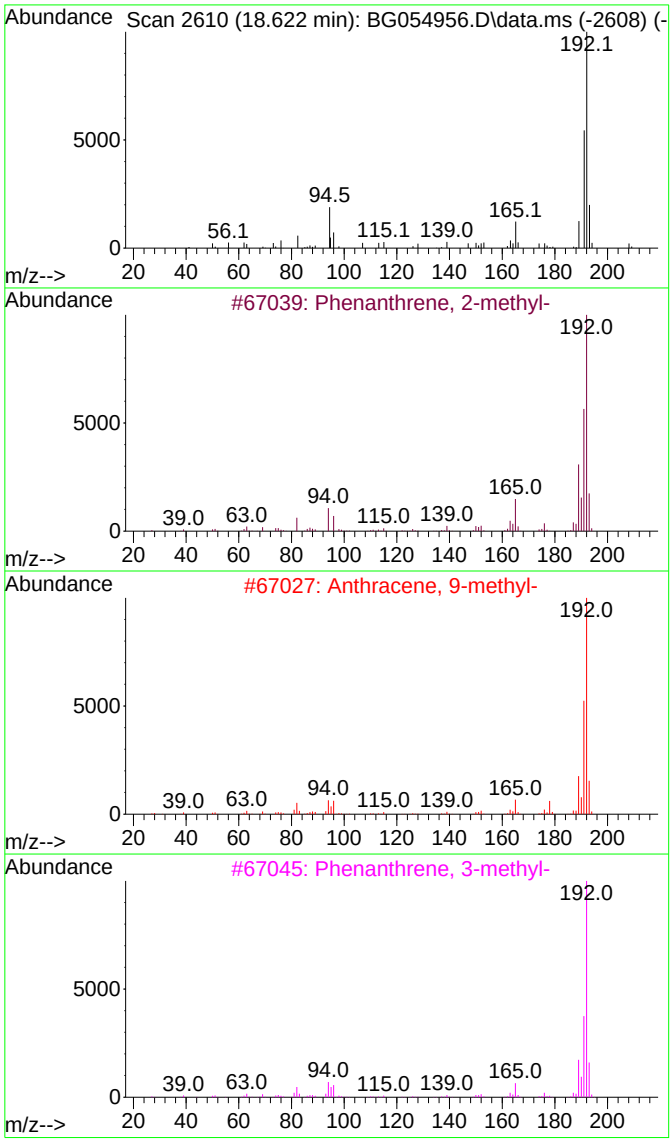
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

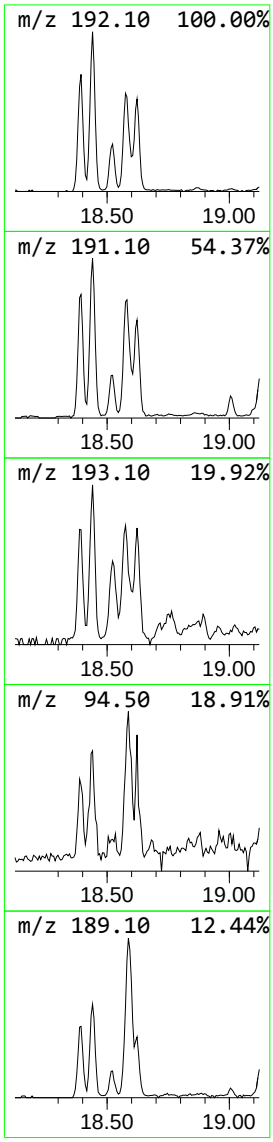
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	2.41 ng	63648	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

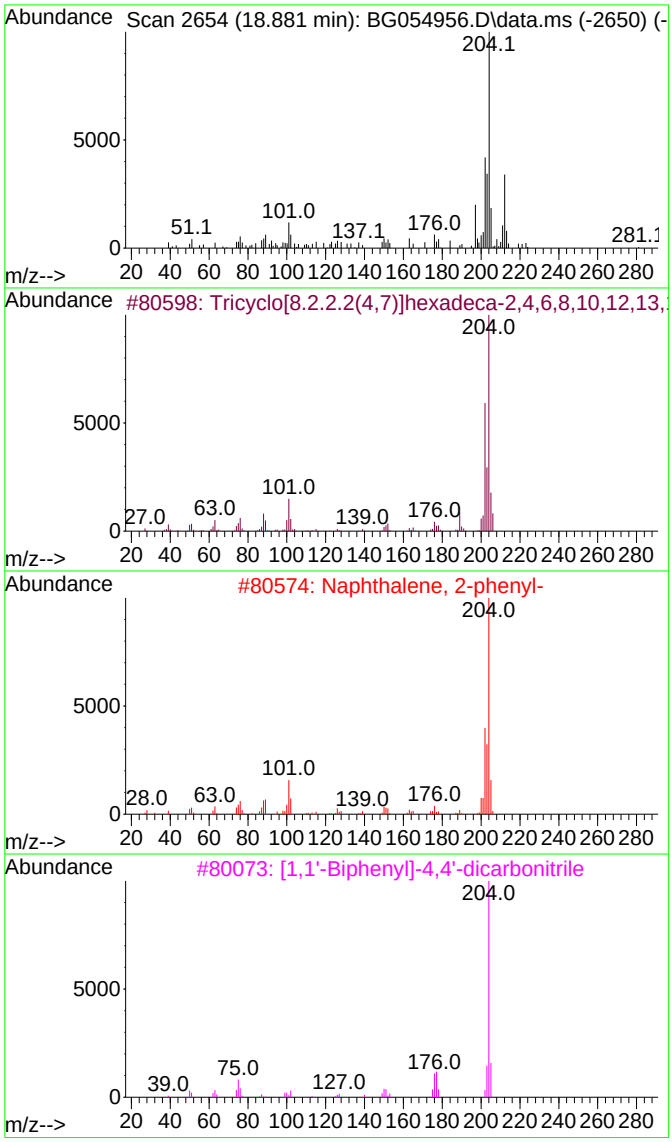
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

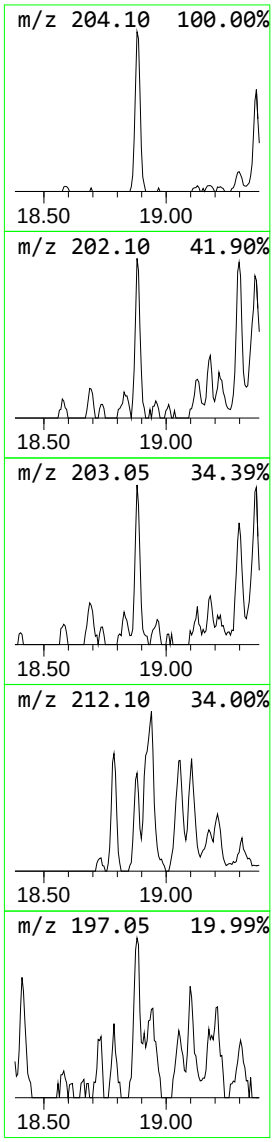
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	2.41 ng	63430	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	41
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

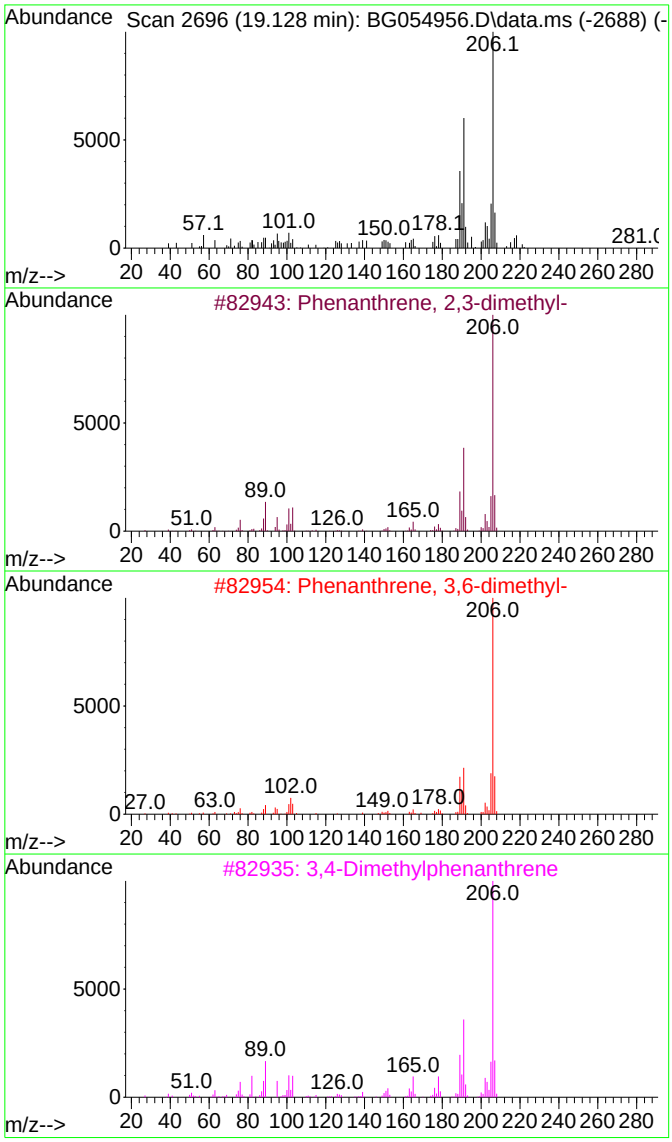
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

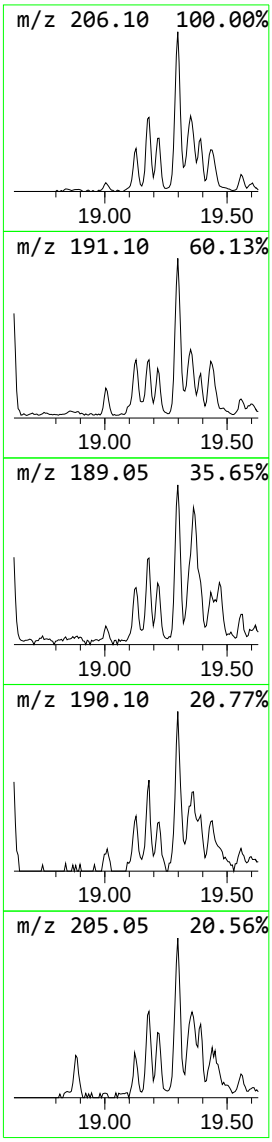
****

Peak Number 8 Phenanthrene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.67 ng	70342	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90





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Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

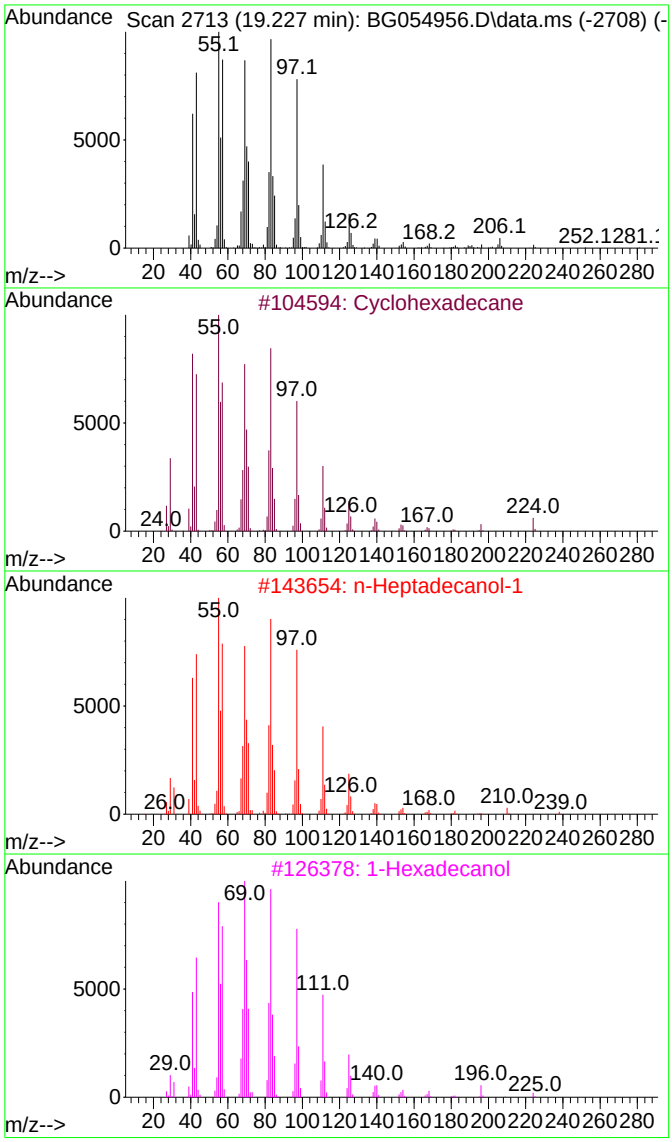
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

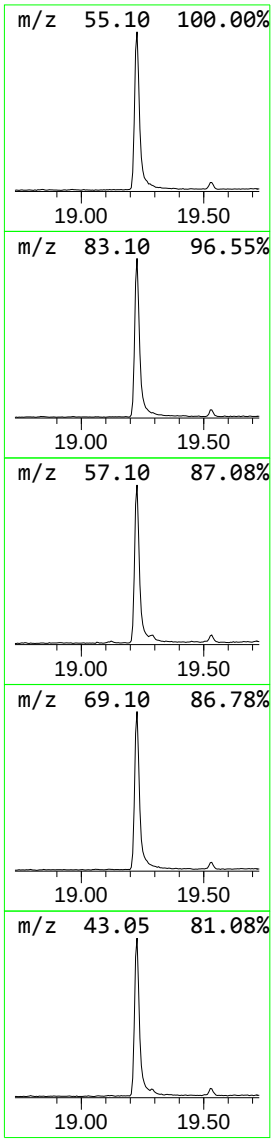
****

Peak Number 9 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	42.10 ng	1110380	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

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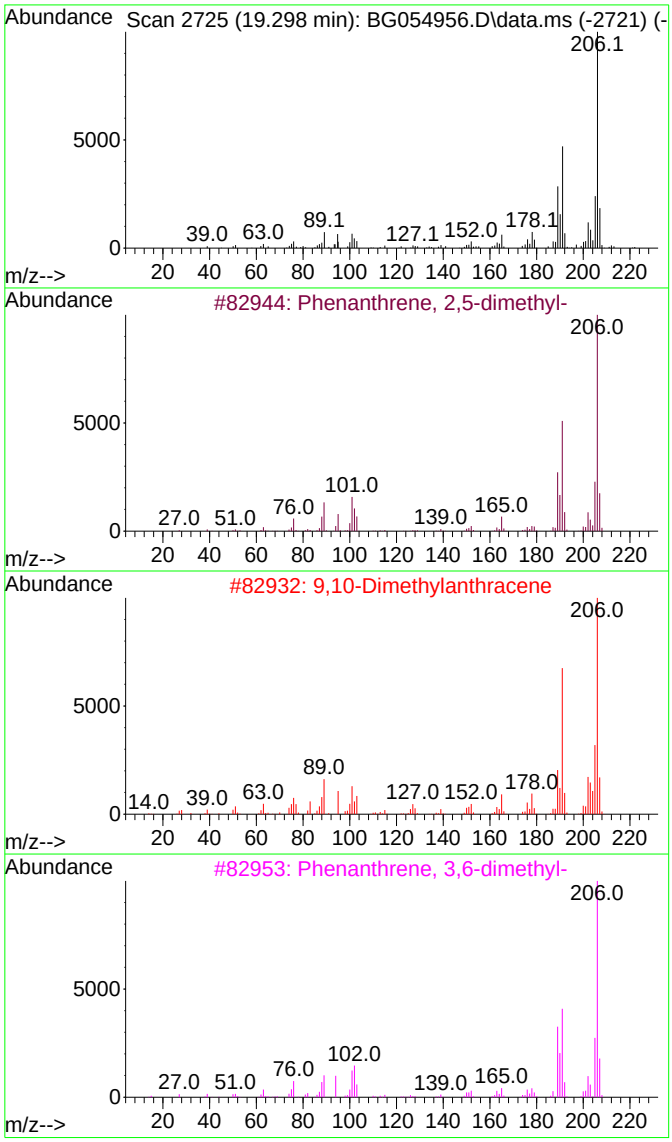
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

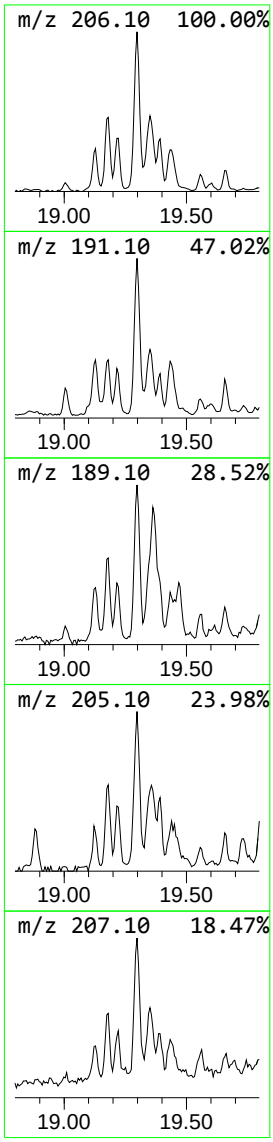
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	5.42 ng	143048	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

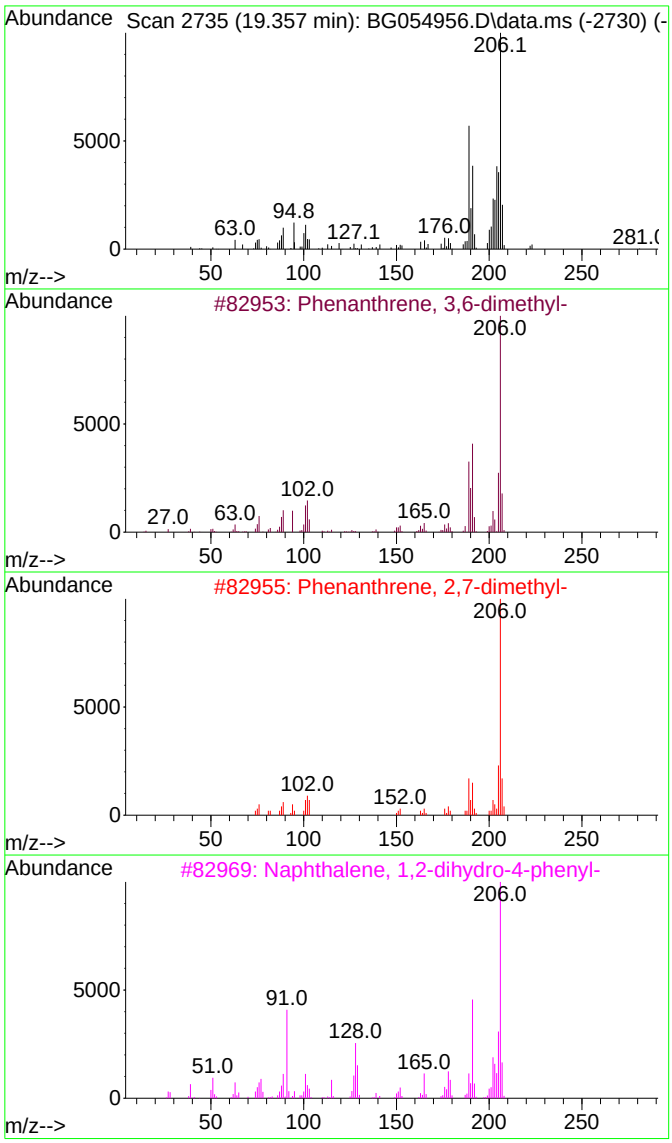
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

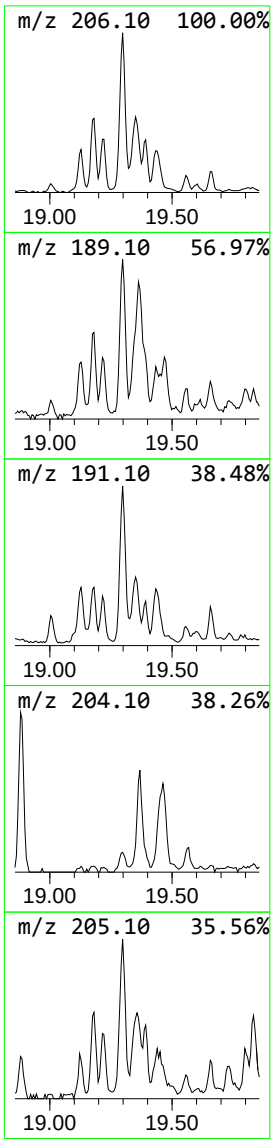
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.34 ng	61614	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53





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Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

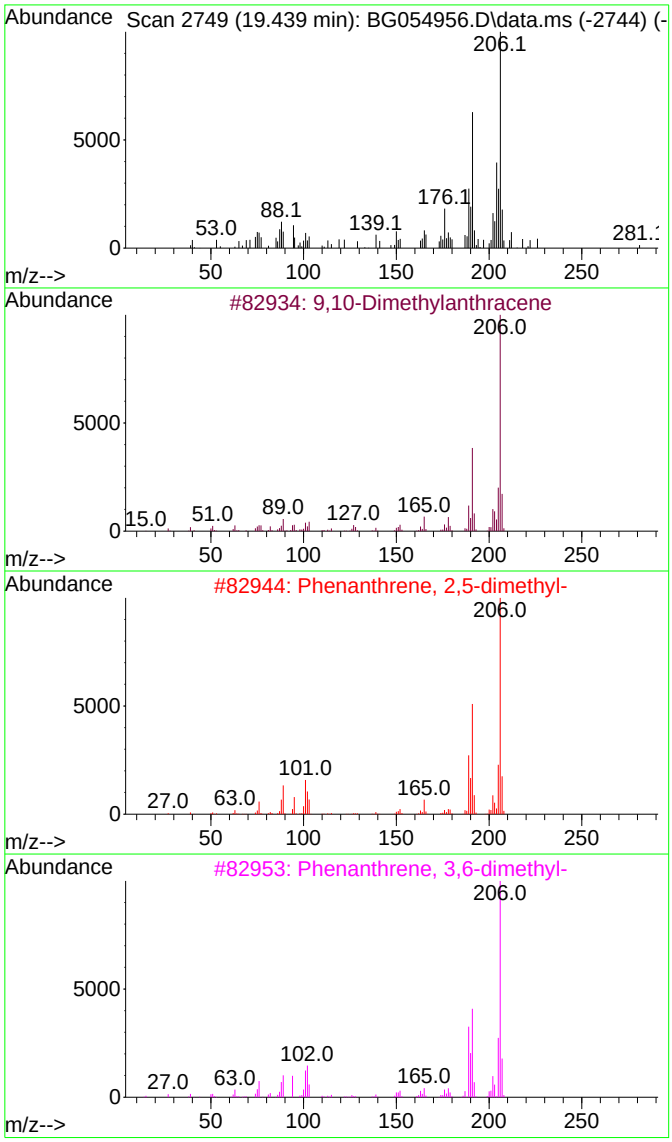
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

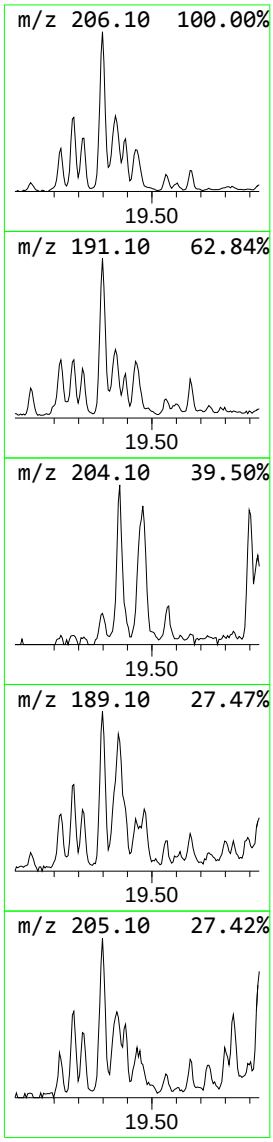
****

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	2.55 ng	67361	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	68
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64





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Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

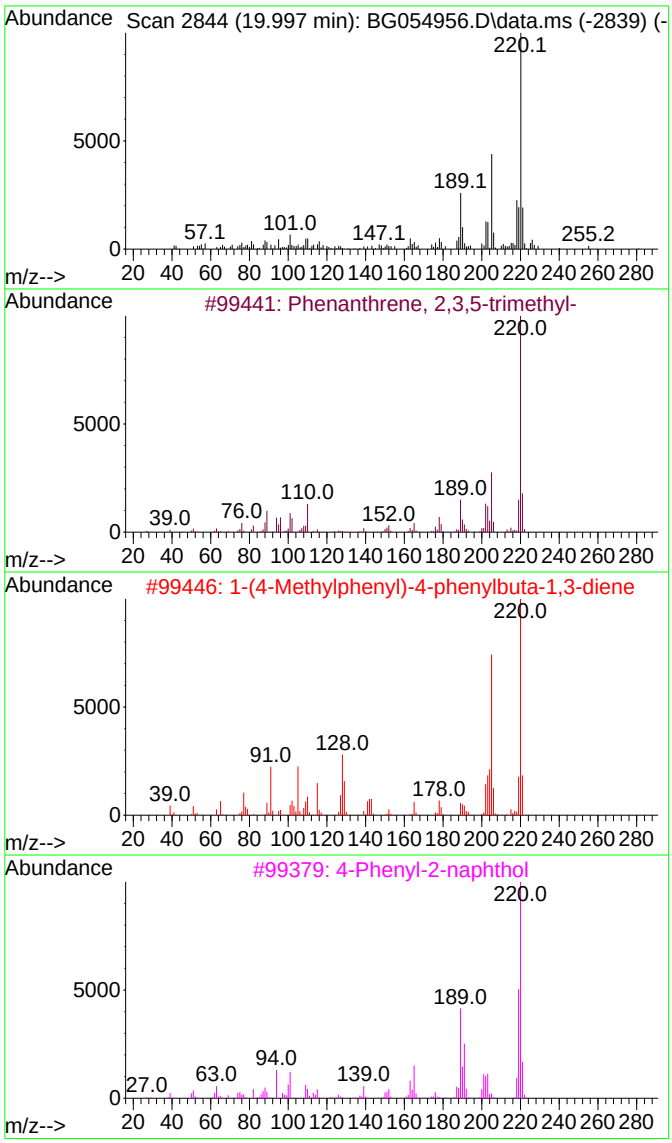
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

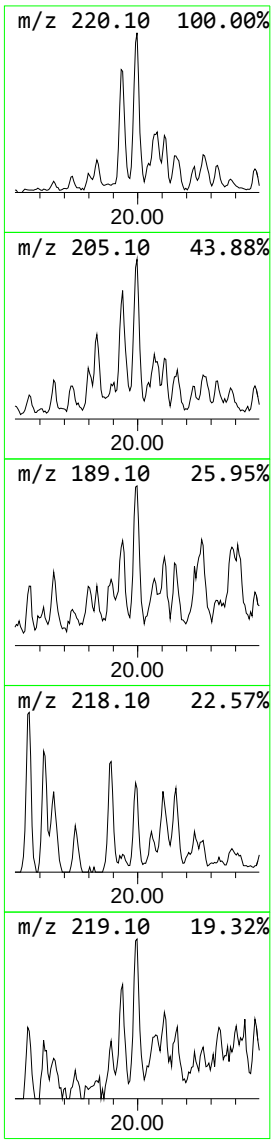
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.997	2.27 ng	96067	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	74
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
3	4-Phenyl-2-naphthol	220	C16H12O	036159-74-7	58
4	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	58
5	Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	53





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Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

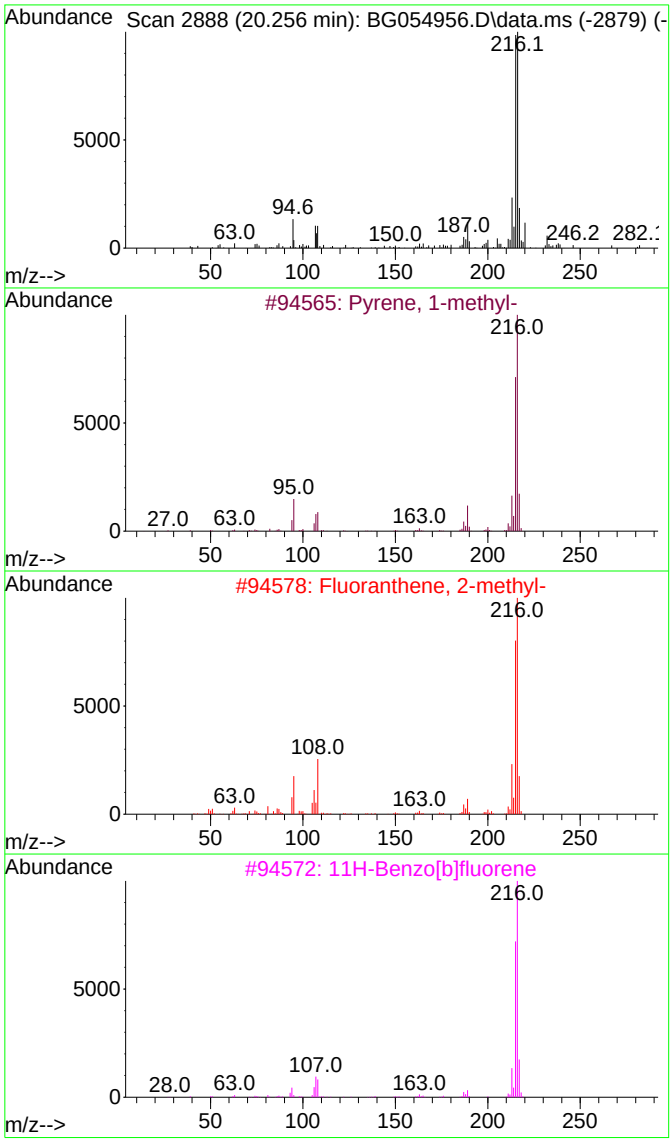
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

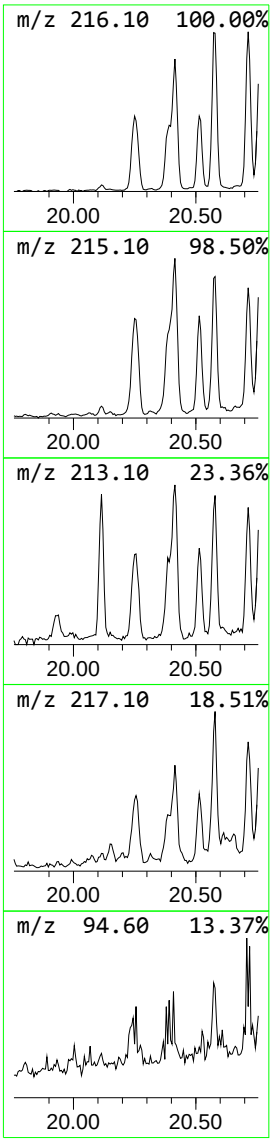
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.256	3.68 ng	155746	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

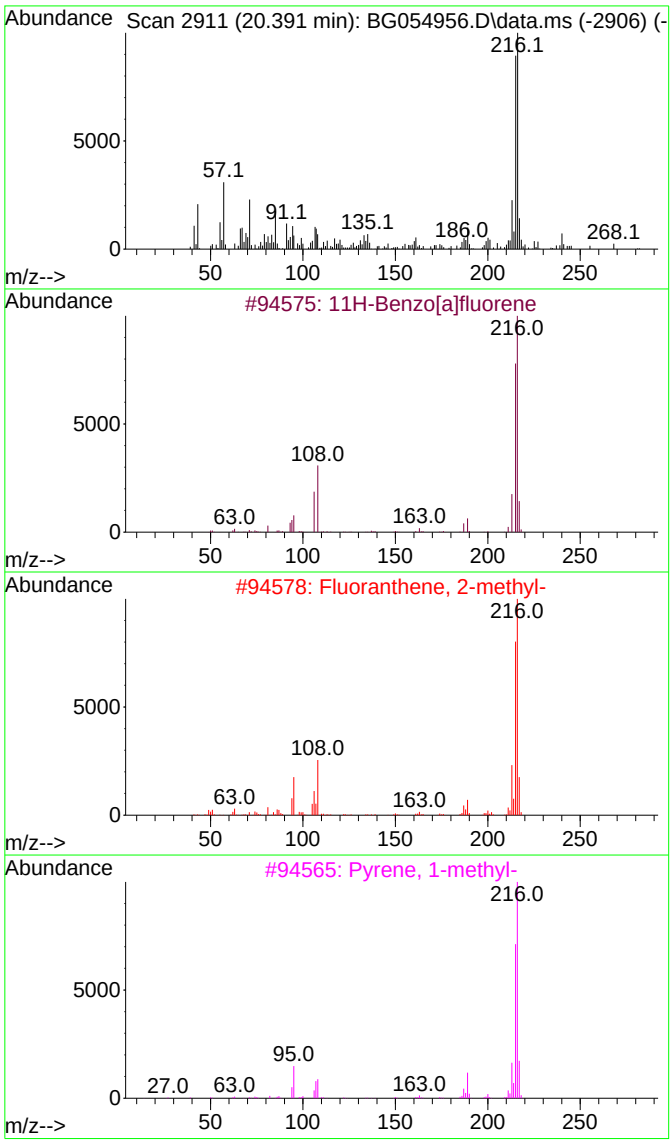
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

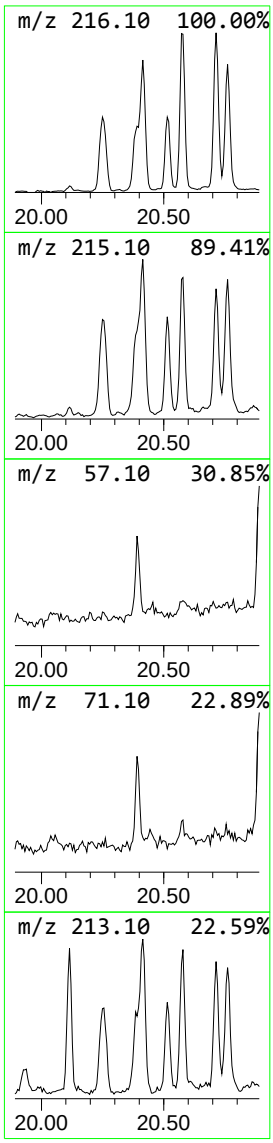
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.391	3.66 ng	155065	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	76





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Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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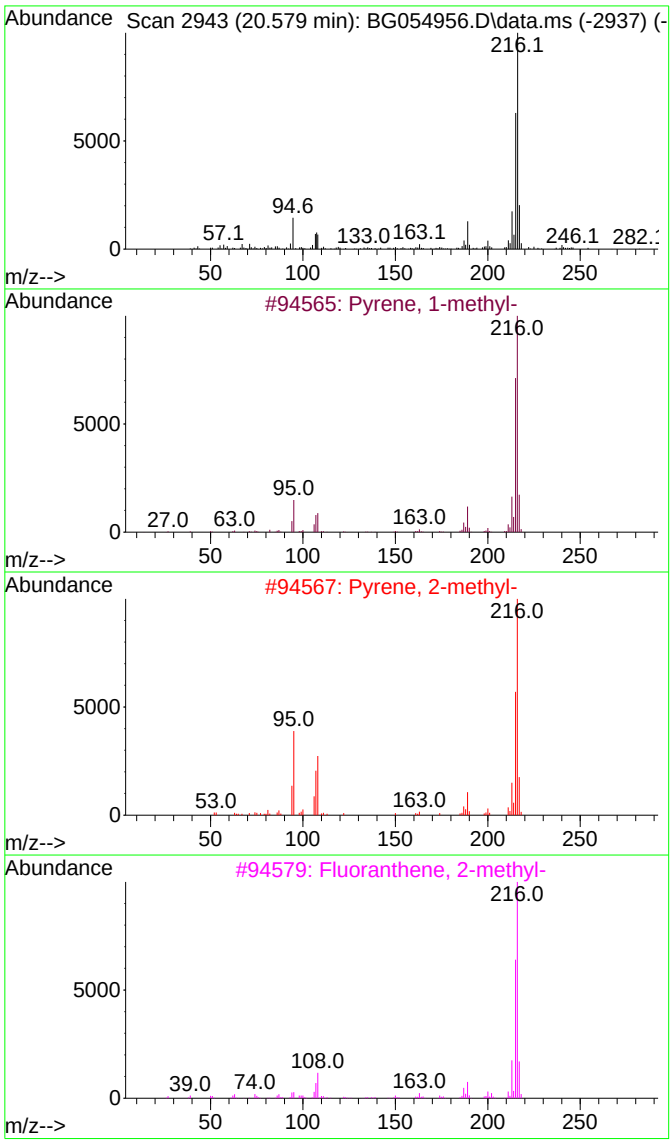
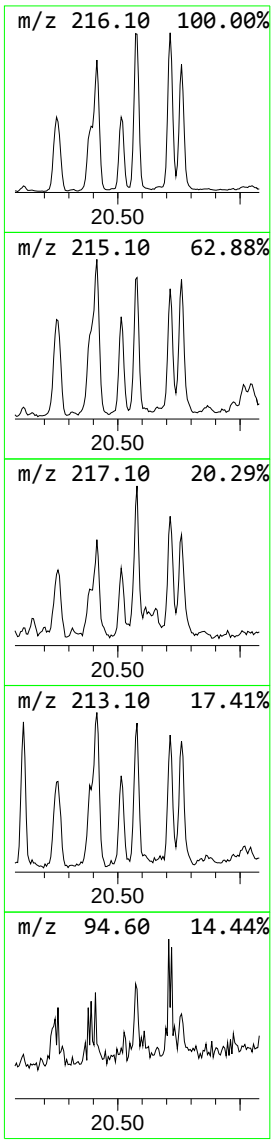
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.579	3.71 ng	157321	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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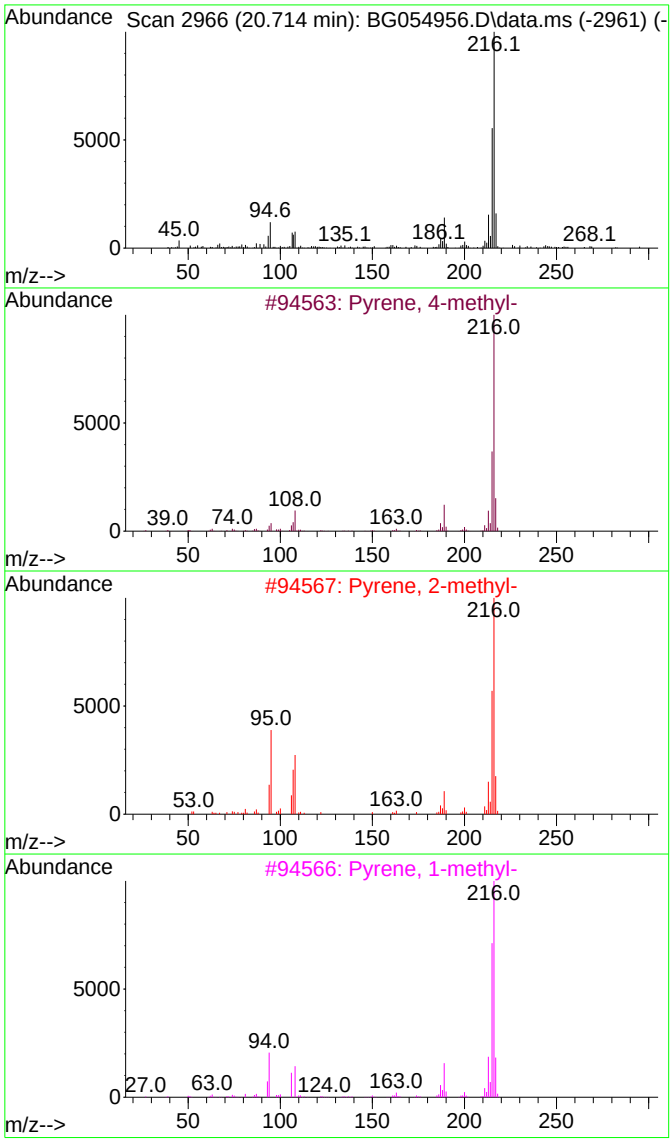
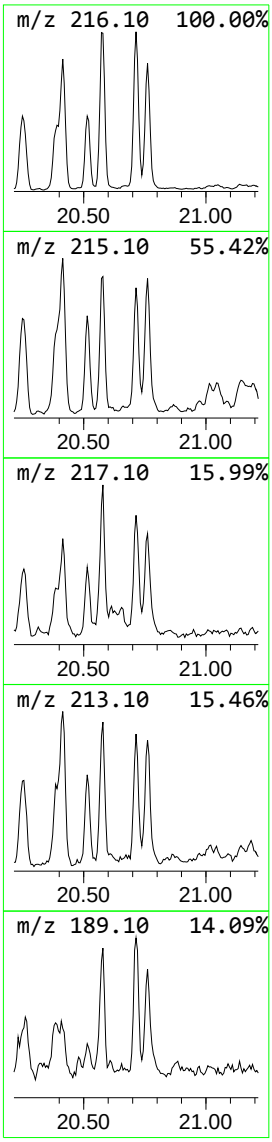
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.714	3.50 ng	148481	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Instrument :
BNA_G
ClientSampleId :
VNJ-240

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

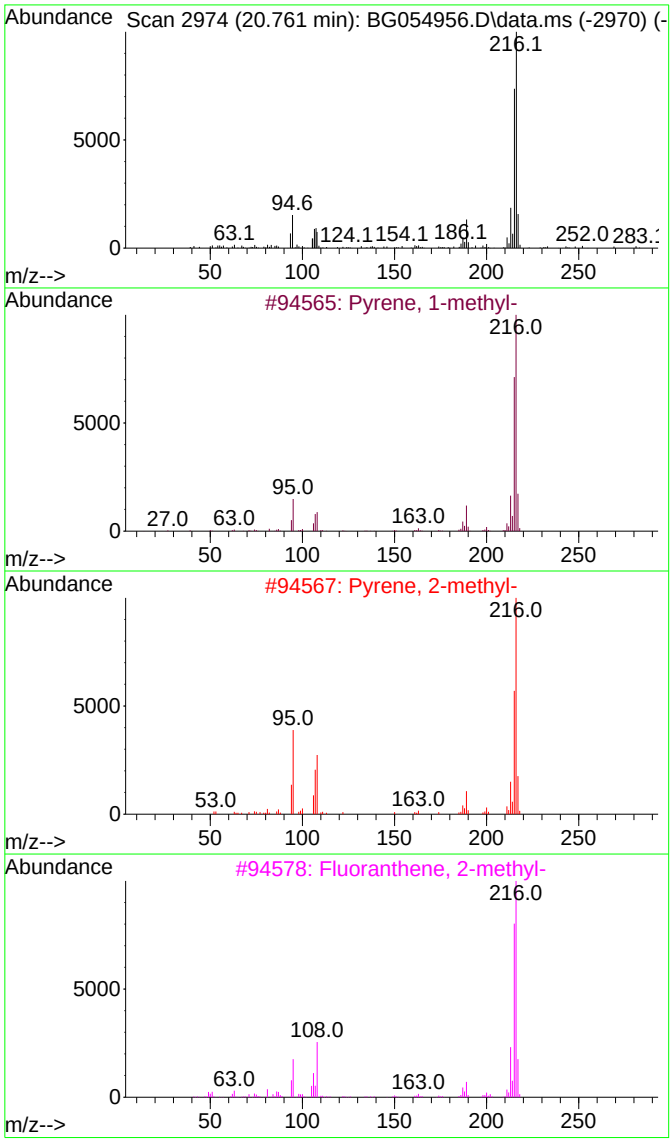
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

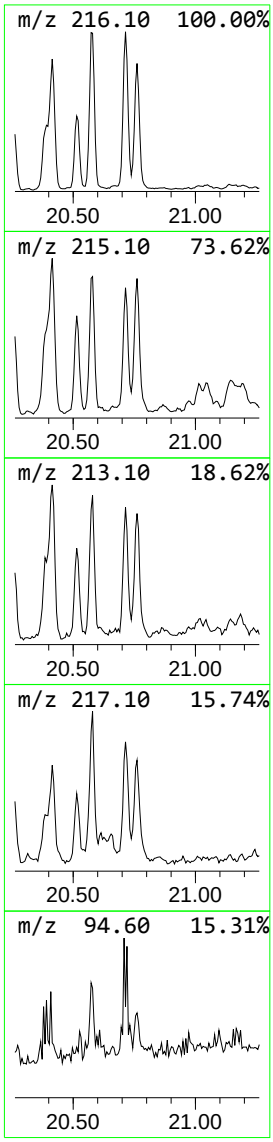
****

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.761	3.12 ng	132166	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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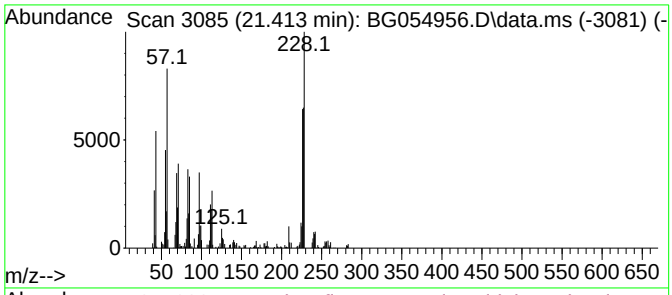
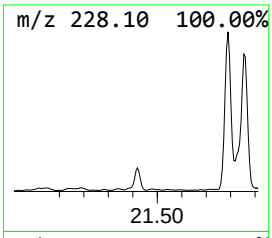
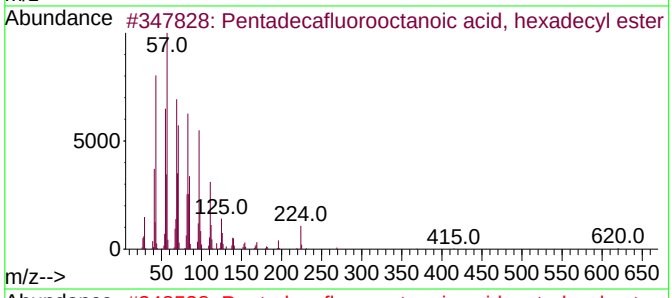
Peak Number 19 unknown21.413 Concentration Rank 13

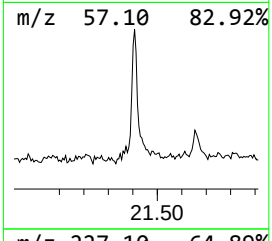
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.413	2.93 ng	124305	Chrysene-d12	21.807

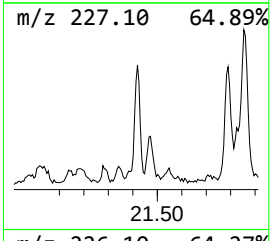
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	35
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	35
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	30
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	30
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25

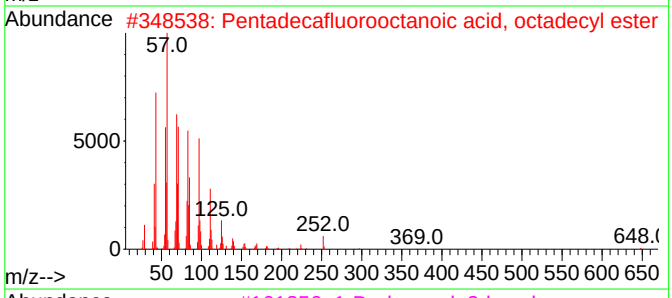


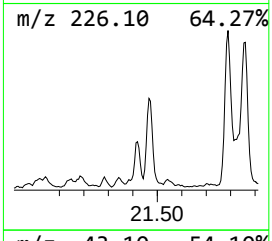


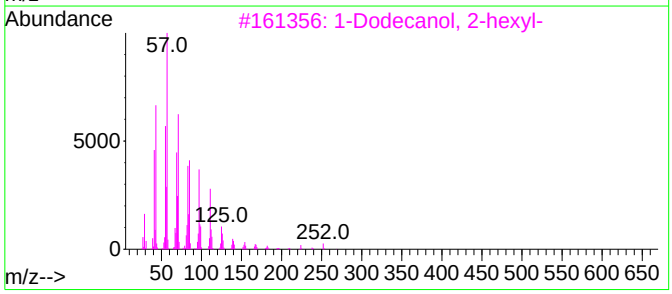


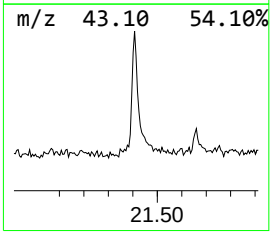












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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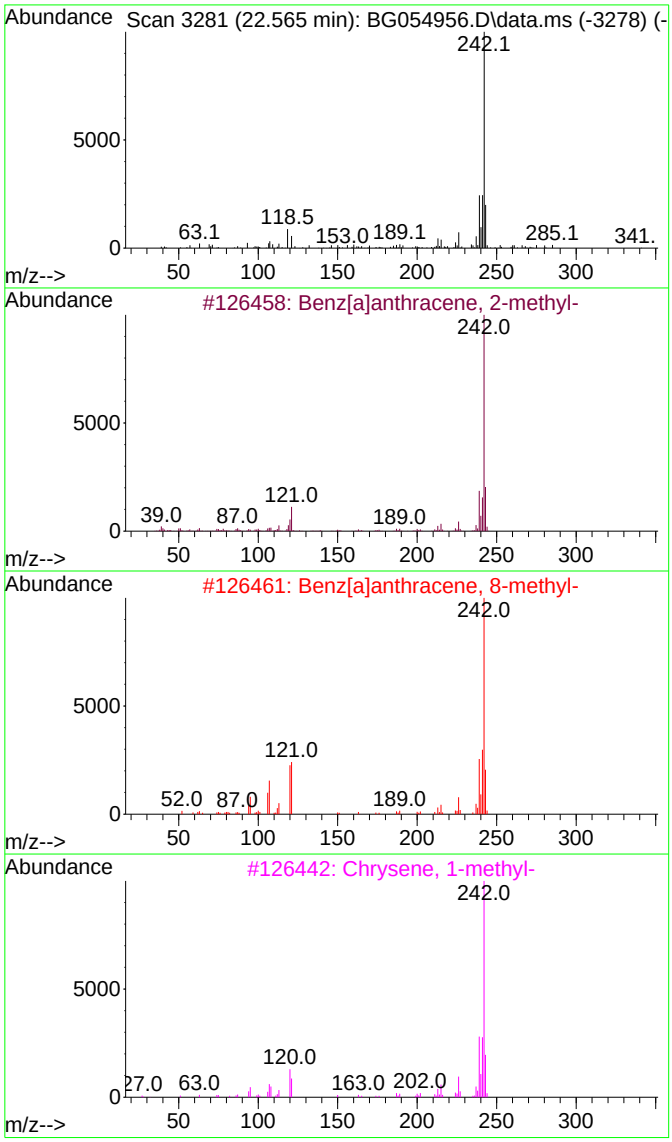
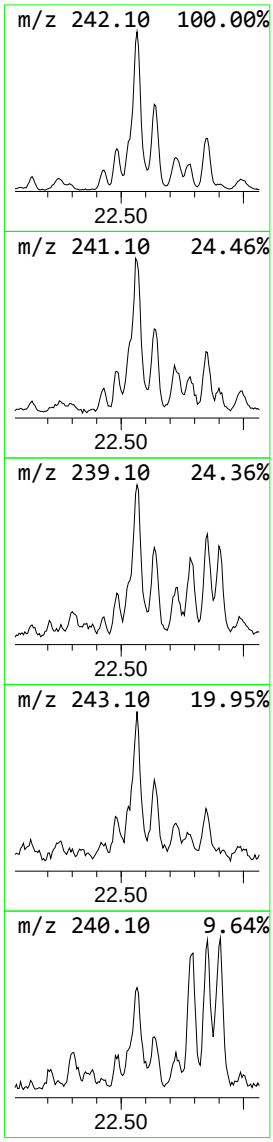
Peak Number 20 Benz[a]anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.565	2.27 ng	96209	Chrysene-d12	21.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	76
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054956.D
Acq On : 15 Sep 2022 14:51
Operator : CG/JU
Sample : N4640-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-240

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
unknown3.746	3.746	5.3	ng	47895	1	8.129	181710	20.0
2-Pentanone, 4-...	5.185	7.4	ng	67081	1	8.129	181710	20.0
Anthracene, 2-m...	18.393	4.4	ng	115786	4	17.518	527443	20.0
Phenanthrene, 2...	18.440	5.2	ng	135707	4	17.518	527443	20.0
Anthracene, 1-m...	18.581	7.1	ng	186809	4	17.518	527443	20.0
Anthracene, 9-m...	18.622	2.4	ng	63648	4	17.518	527443	20.0
Tricyclo[8.2.2....	18.881	2.4	ng	63430	4	17.518	527443	20.0
Phenanthrene, 2...	19.128	2.7	ng	70342	4	17.518	527443	20.0
Cyclohexadecane	19.227	42.1	ng	1110380	4	17.518	527443	20.0
Phenanthrene, 2...	19.298	5.4	ng	143048	4	17.518	527443	20.0
Phenanthrene, 3...	19.357	2.3	ng	61614	4	17.518	527443	20.0
9,10-Dimethylan...	19.439	2.5	ng	67361	4	17.518	527443	20.0
Phenanthrene, 2...	19.997	2.3	ng	96067	5	21.807	847301	20.0
Pyrene, 1-methyl-	20.256	3.7	ng	155746	5	21.807	847301	20.0
11H-Benzo[a]flu...	20.391	3.7	ng	155065	5	21.807	847301	20.0
Pyrene, 2-methyl-	20.579	3.7	ng	157321	5	21.807	847301	20.0
Pyrene, 4-methyl-	20.714	3.5	ng	148481	5	21.807	847301	20.0
Fluoranthene, 2...	20.761	3.1	ng	132166	5	21.807	847301	20.0
unknown21.413	21.413	2.9	ng	124305	5	21.807	847301	20.0
Benz[a]anthrace...	22.565	2.3	ng	96209	5	21.807	847301	20.0