LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.299	200	206	217	rVB	88000	121760	1.42%	0.201%
2	4.887	300	306	317	rBV	773963	1074462	12.54%	1.778%
3	5.346	377	384	399	rBV	2012875	2888989	33.72%	4.781%
4	5.940	477	485	493	rBV	105653	155714	1.82%	0.258%
5	6.905	640	649	663	rBV	2209929	3539514	41.31%	5.857%
6	7.716	779	787	796	rBV	849383	1310066	15.29%	2.168%
7	8.863	976	982	992	rBV	1488349	2390732	27.90%	3.956%
8	10.493	1248	1259	1266	rBV	1130952	1857019	21.67%	3.073%
9	11.522	1428	1434	1442	rBV2	55455	119107	1.39%	0.197%
10	12.157	1536	1542	1549	rVB	203029	359369	4.19%	0.595%
11	12.369	1567	1578	1588	rBV	182755	352036	4.11%	0.583%
12	12.875	1659	1664	1670	rVB2	91045	141537	1.65%	0.234%
13	12.963	1671	1679	1691	rBV	3820464	5972737	69.71%	9.884%
14	13.163	1707	1713	1720	rVB5	41078	99530	1.16%	0.165%
15	13.369	1744	1748	1752	rBV	103496	166844	1.95%	0.276%
16	13.516	1764	1773	1780	rBV3	214158	601810	7.02%	0.996%
17	13.663	1792	1798	1803	rBV	346825	622011	7.26%	1.029%
18	13.716	1803	1807	1813	rVB	236739	348575	4.07%	0.577%
19	13.834	1823	1827	1832	rVB2	106282	148001	1.73%	0.245%
20	13.904	1832	1839	1843	rVV	145905	268646	3.14%	0.445%
21	14.069	1863	1867	1872	rVB	88347	110766	1.29%	0.183%
22	14.251	1894	1898	1904	rBV2	61725	106625	1.24%	0.176%
23	14.351	1907	1915	1920	rBV	1761122	2495112	29.12%	4.129%
24	14.569	1945	1952	1960	rBV2	168764	461268	5.38%	0.763%
25	14.651	1962	1966	1971	rVV3	66054	93820	1.10%	0.155%
26	14.757	1977	1984	1990	rVB	283686	480321	5.61%	0.795%
27	14.834	1991	1997	2002	rVB	238594	367473	4.29%	0.608%
28	14.893	2003	2007	2016	rVB6	100392	159092	1.86%	0.263%
29	14.981	2017	2022	2027	rBV	176942	302883	3.54%	0.501%
30	15.028	2027	2030	2035	rVB	206569	276573	3.23%	0.458%
31	15.151	2044	2051	2054	rBV2	139762	294362	3.44%	0.487%
32	15.187	2054	2057	2061	rVB	86647	119779	1.40%	0.198%
33	15.322	2076	2080	2087	rVB4	84833	136880	1.60%	0.227%
34	15.410	2090	2095	2099	rVB3	122925	191075	2.23%	0.316%
35	15.469	2099	2105	2108	rBV3	109042	202642	2.37%	0.335%
36	15.540	2115	2117	2121	rVB2	94753	110830	1.29%	0.183%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.587	2121	2125	2129	rBV4	73573	117618	1.37%	0.195%
38	15.634	2129	2133	2140	rBV3	207038	370072	4.32%	0.612%
39	15.734	2147	2150	2156	rVB2	238086	355642	4.15%	0.589%
40	15.793	2156	2160	2164	rBV6	59887	126510	1.48%	0.209%
41	15.863	2165	2172	2180	rVV	1606670	2585464	30.18%	4.279%
42	15.940	2181	2185	2188	rBV2	66889	100502	1.17%	0.166%
43	16.104	2208	2213	2214	rBV2	200414	258048	3.01%	0.427%
44	16.245	2232	2237	2240	rBV2	98066	157634	1.84%	0.261%
45	16.422	2263	2267	2268	rBV2	85500	100885	1.18%	0.167%
46	16.492	2274	2279	2285	rBV4	191205	368485	4.30%	0.610%
47	16.651	2302	2306	2308	rBV3	67763	94848	1.11%	0.157%
48	16.916	2348	2351	2355	rVB2	122946	143428	1.67%	0.237%
49	16.963	2355	2359	2369	rVB2	312292	601309	7.02%	0.995%
50	17.145	2385	2390	2395	rBV2	1813310	2649514	30.92%	4.385%
51	17.192	2395	2398	2402	rVB	255474	347054	4.05%	0.574%
52	17.351	2419	2425	2429	rBV2	136810	297224	3.47%	0.492%
53	17.587	2459	2465	2472	rBV4	91504	224453	2.62%	0.371%
54	17.681	2478	2481	2484	rVB	161755	172881	2.02%	0.286%
55	17.745	2489	2492	2496	rVB	125674	179875	2.10%	0.298%
56	17.892	2514	2517	2523	rVB	98616	165707	1.93%	0.274%
57	18.051	2540	2544	2547	rBV	327348	456305	5.33%	0.755%
58	18.098	2547	2552	2562	rVV2	440950	1005562	11.74%	1.664%
59	18.181	2564	2566	2570	rVV2	82147	144638	1.69%	0.239%
60	18.245	2573	2577	2581	rVV	325326	490287	5.72%	0.811%
61	18.292	2582	2585	2591	rVB	203542	294466	3.44%	0.487%
62	18.392	2599	2602	2609	rBV2	210851	298518	3.48%	0.494%
63	18.463	2612	2614	2619	rVB3	123110	163782	1.91%	0.271%
64	18.828	2673	2676	2680	rVB	156511	184775	2.16%	0.306%
65	18.881	2681	2685	2688	rVV2	297026	417432	4.87%	0.691%
66	18.916	2688	2691	2696	rVB2	177179	244982	2.86%	0.405%
67	19.004	2701	2706	2710	rVV	409708	656349	7.66%	1.086%
68	19.051	2710	2714	2720	rVV6	299474	457892	5.34%	0.758%
69	19.104	2721	2723	2726	rVB	121270	115572	1.35%	0.191%
70	19.151	2727	2731	2737	rBV	130586	218990	2.56%	0.362%
71	19.210	2737	2741	2748	rVB2	100401	186058	2.17%	0.308%
72	19.281	2750	2753	2757	rBV2	88339	99511	1.16%	0.165%
73	19.528	2792	2795	2799	rBV2	102025	140544	1.64%	0.233%
74	19.569	2800	2802	2808	rVB	140419	146467	1.71%	0.242%
75	19.651	2812	2816	2819	rBV	305075	402436	4.70%	0.666%
76	19.739	2827	2831	2837	rVB	288198	450773	5.26%	0.746%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.869	2848	2853	2858	rBV	6881047	8567663	100.00%	14.178%
78	20.210	2908	2911	2914	rBV2	142669	168802	1.97%	0.279%
79	20.486	2955	2958	2962	rBV	115558	140651	1.64%	0.233%
80	21.263	3086	3090	3098	rBV2	263585	462716	5.40%	0.766%
81	21.586	3139	3145	3156	rVB2	1884354	3267520	38.14%	5.407%
82	24.927	3706	3713	3725	rVB	1218726	3379963	39.45%	5.593%

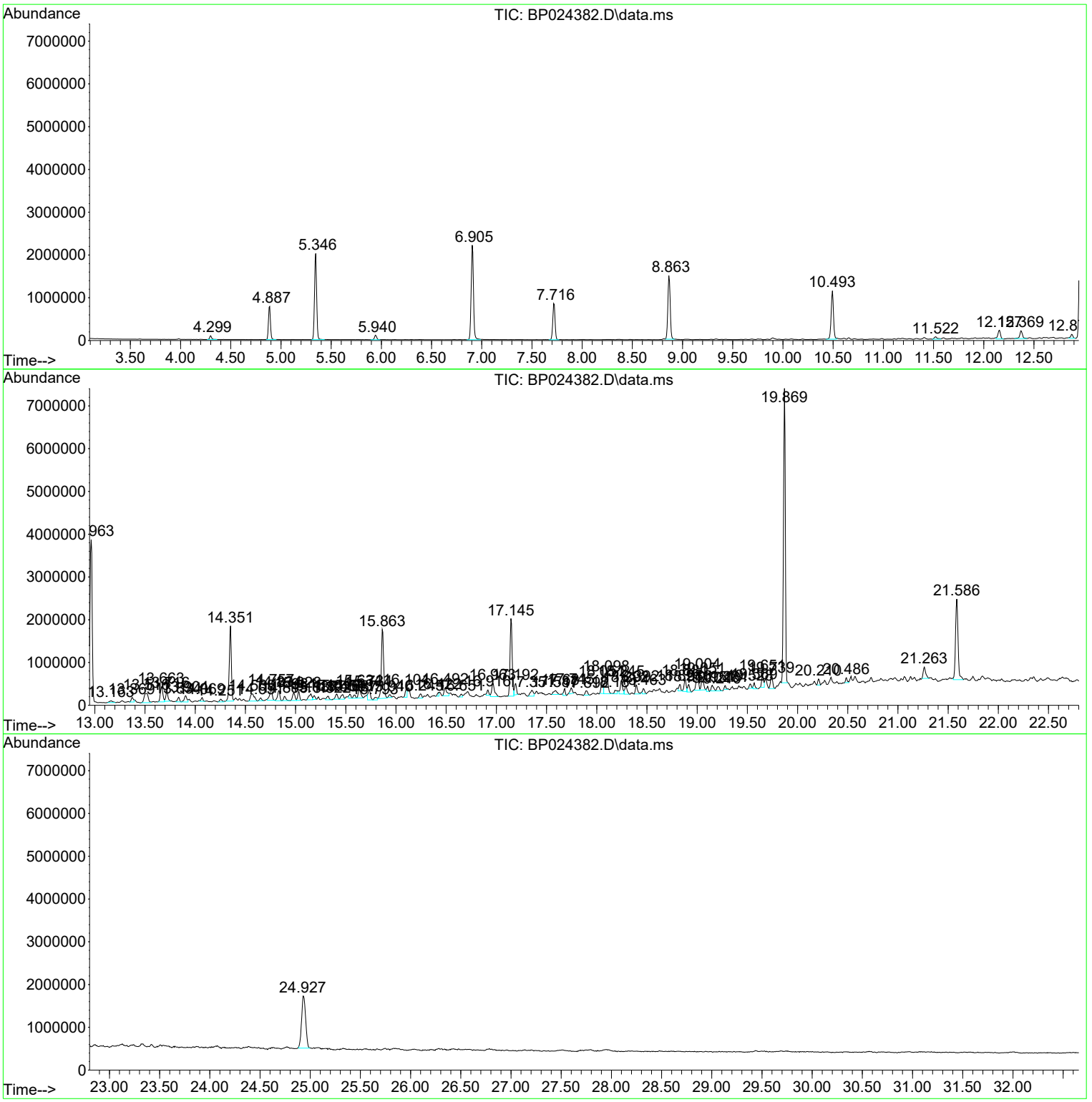
Sum of corrected areas: 60427767

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

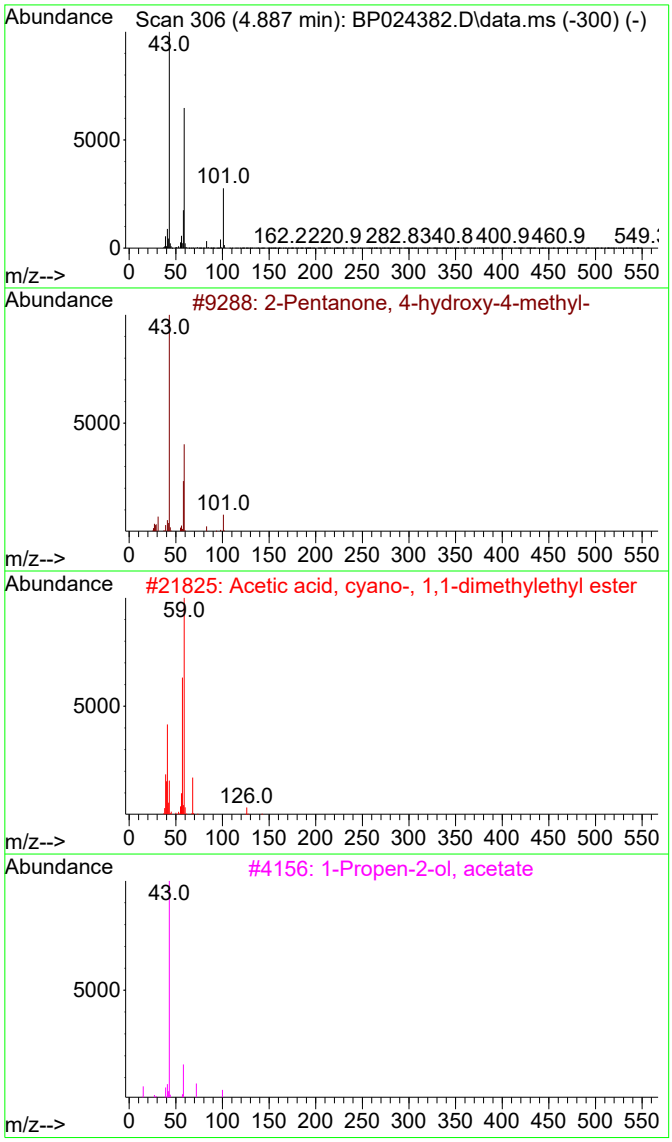
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

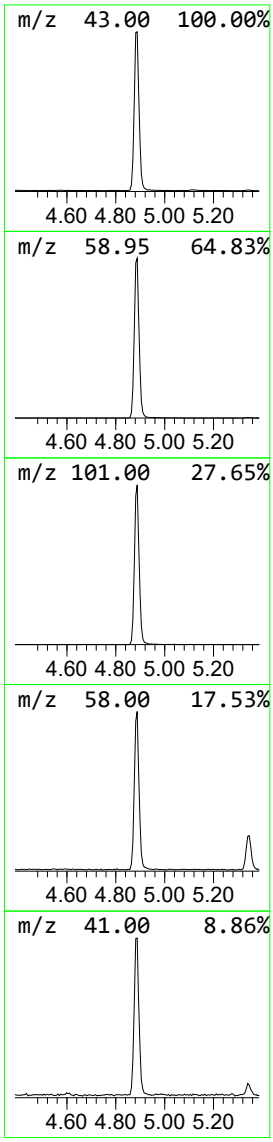
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	16.40 ng	1074460	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

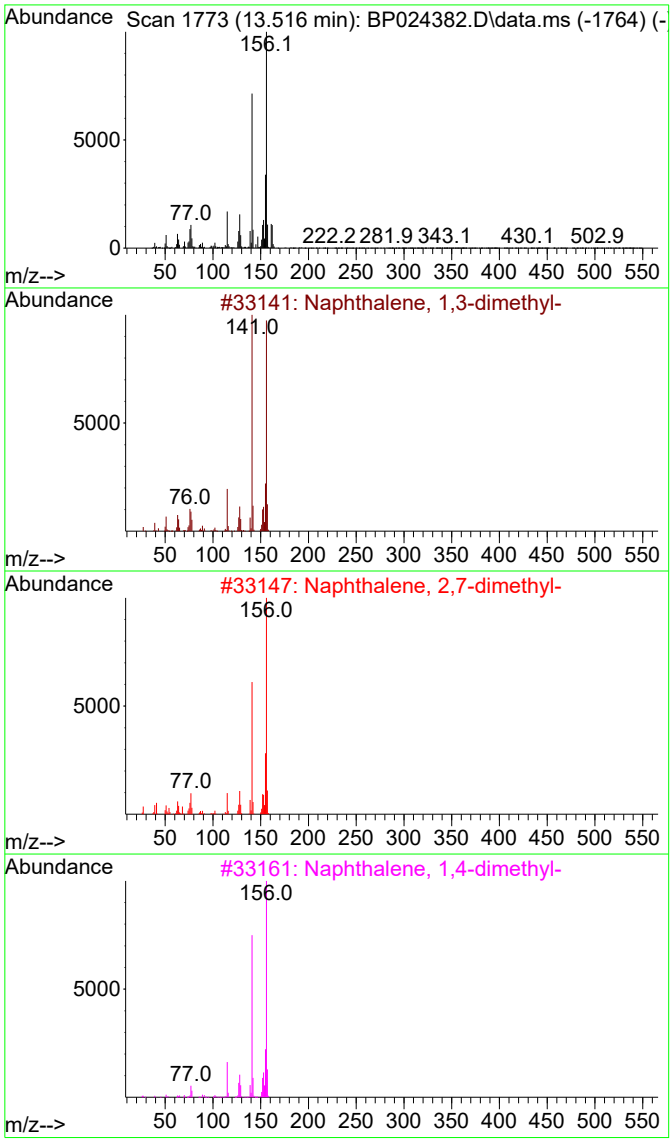
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

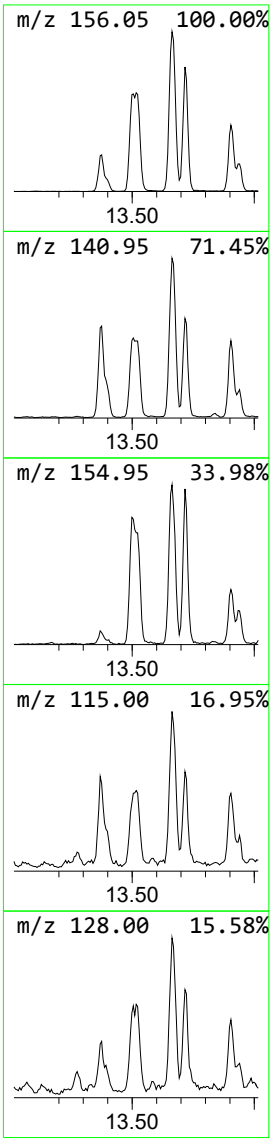
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	4.82 ng	601810	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

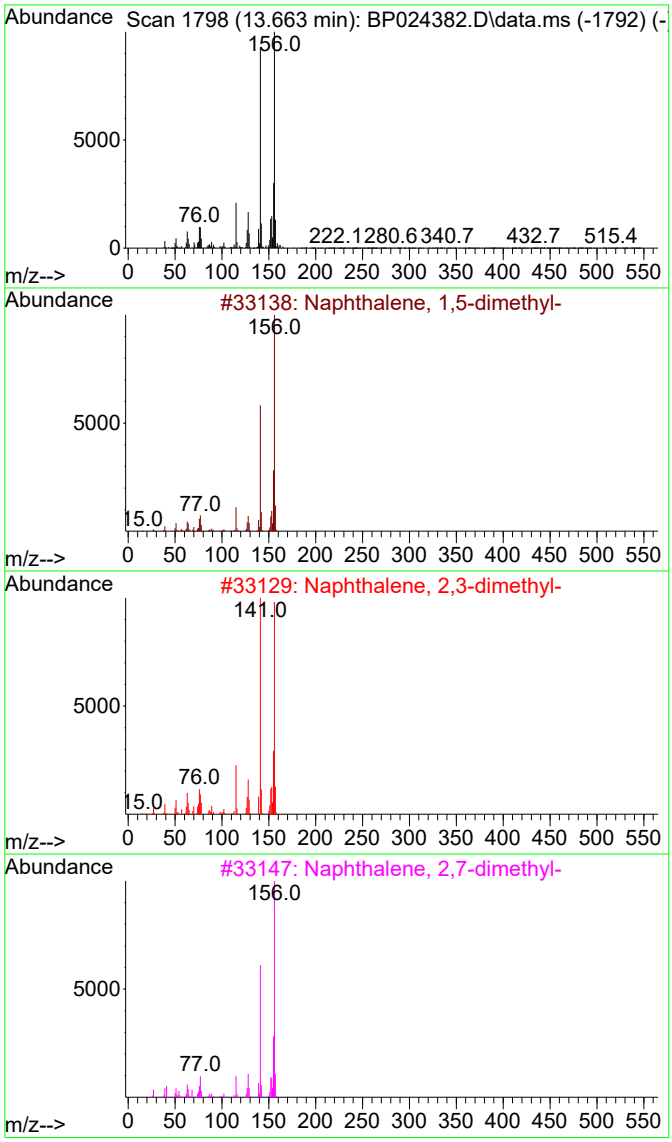
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

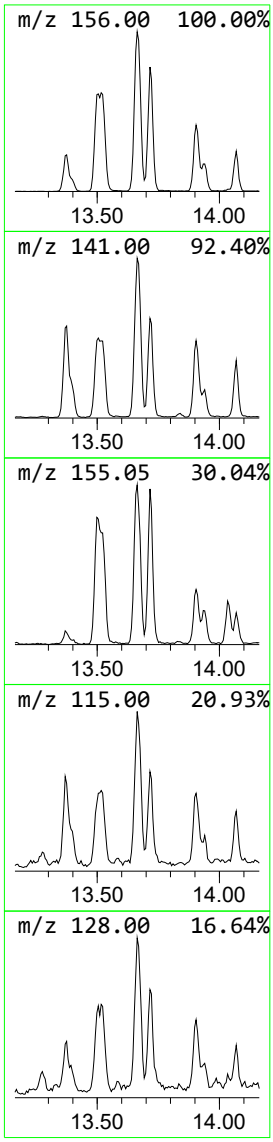
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	4.99 ng	622011	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

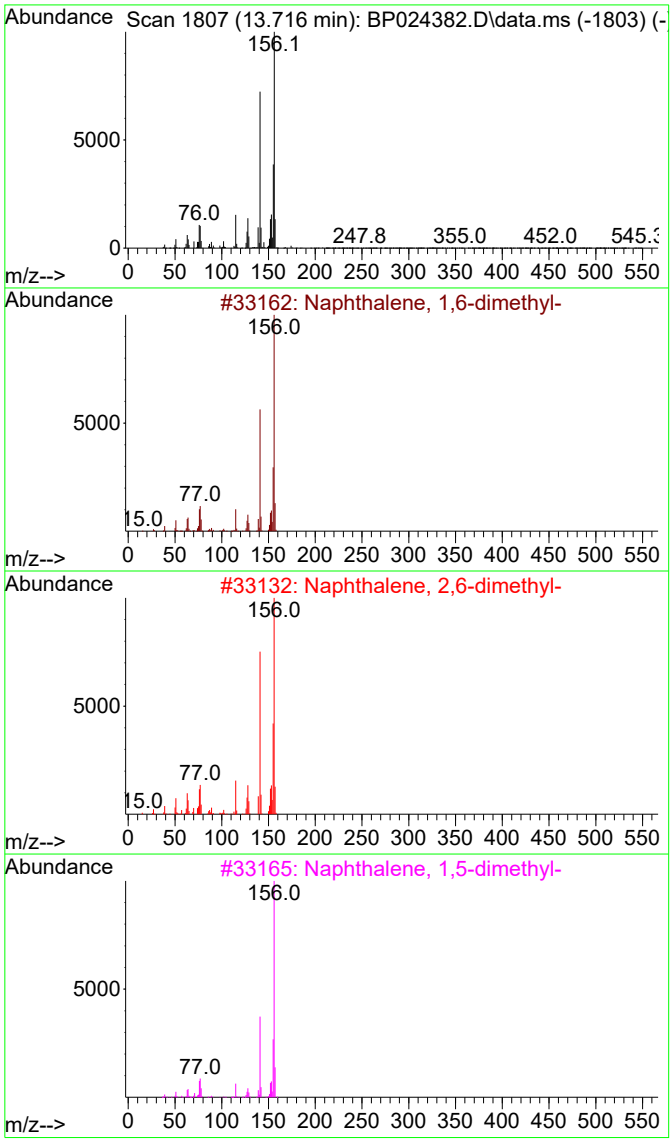
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

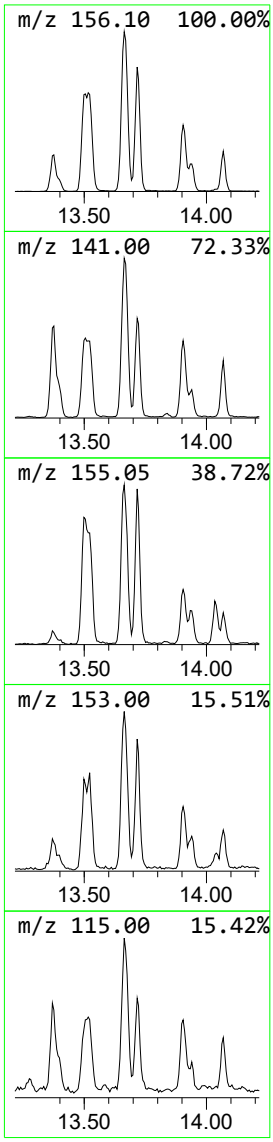
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.79 ng	348575	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

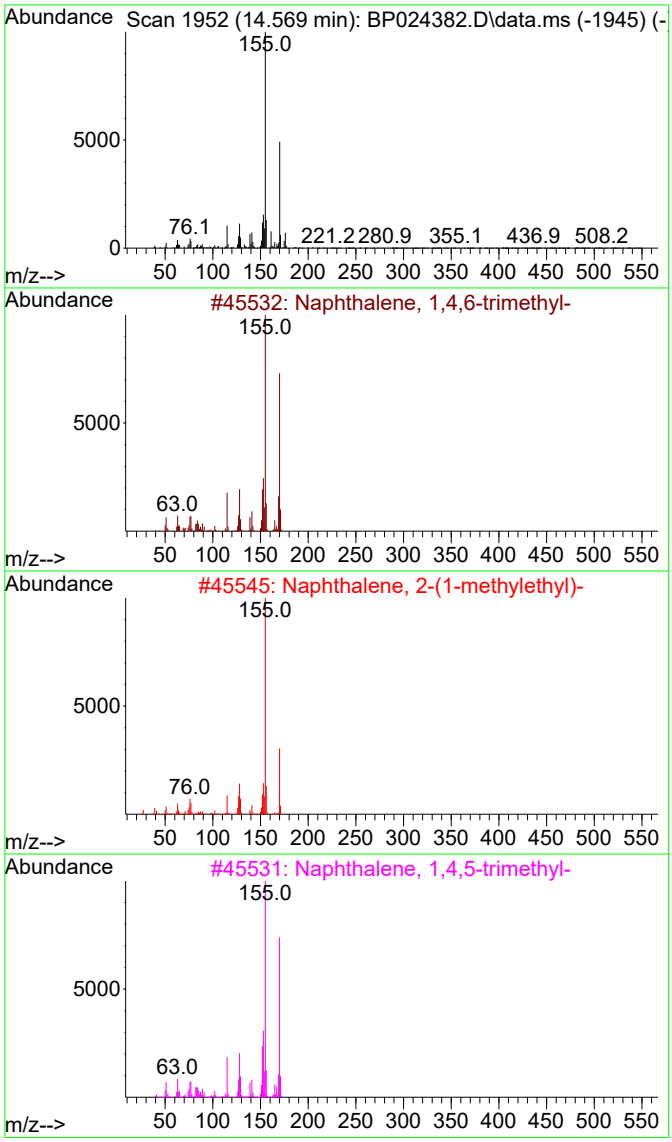
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

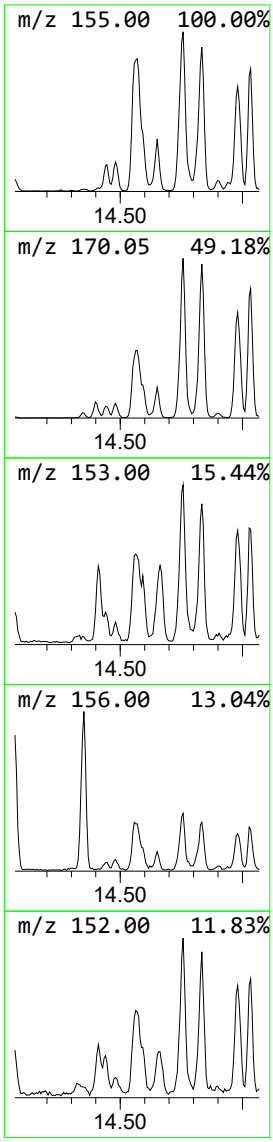
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	3.70 ng	461268	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

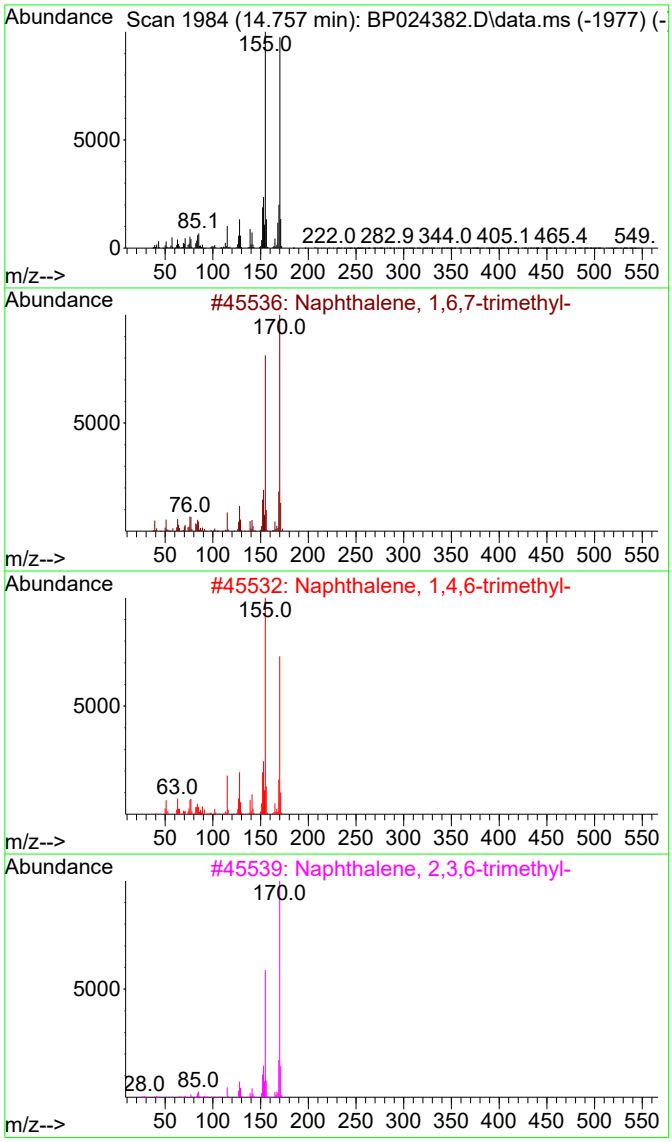
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

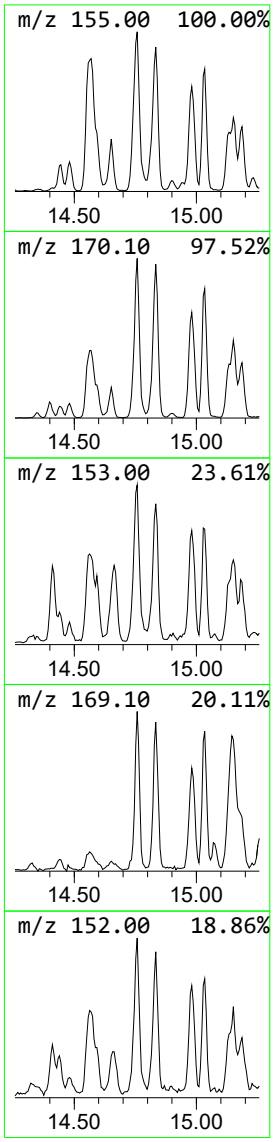
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	3.85 ng	480321	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

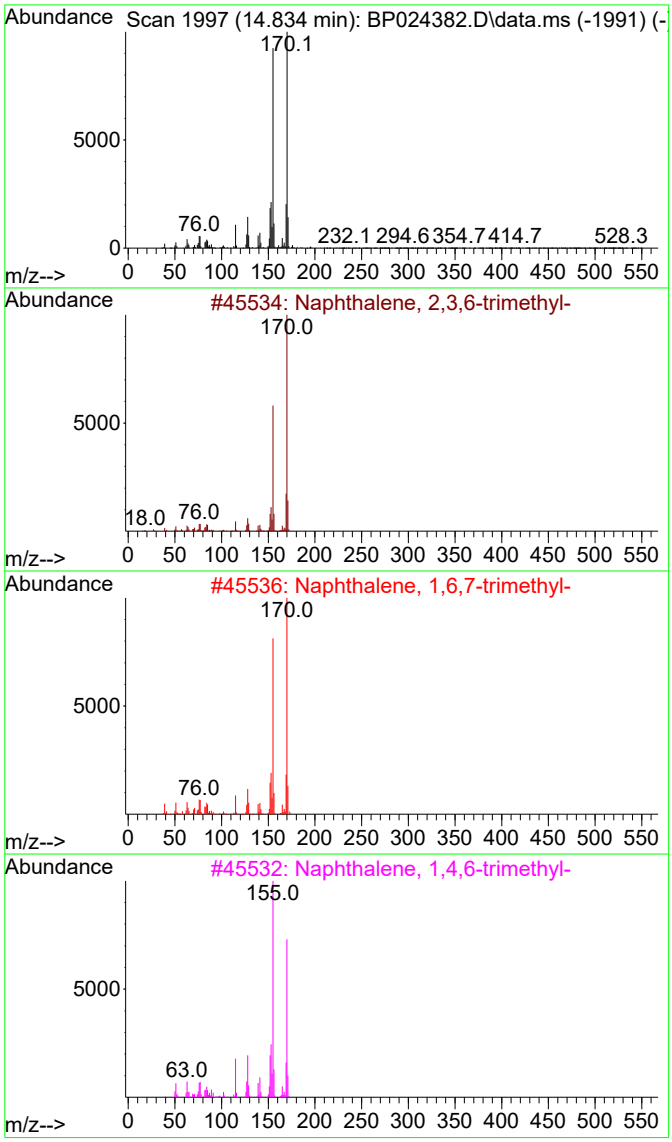
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

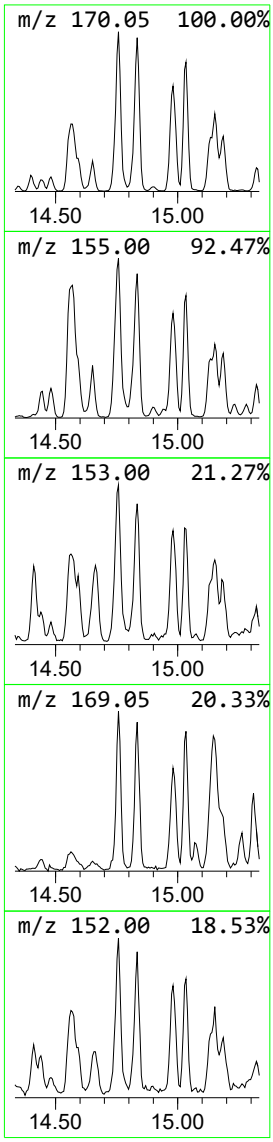
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	2.95 ng	367473	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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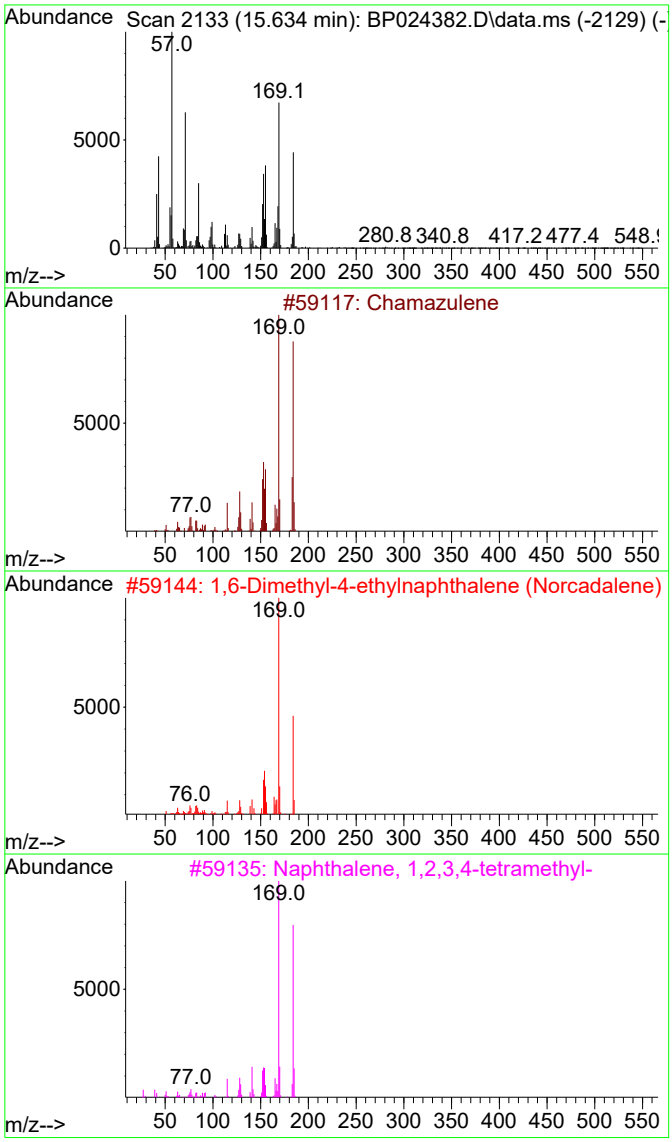
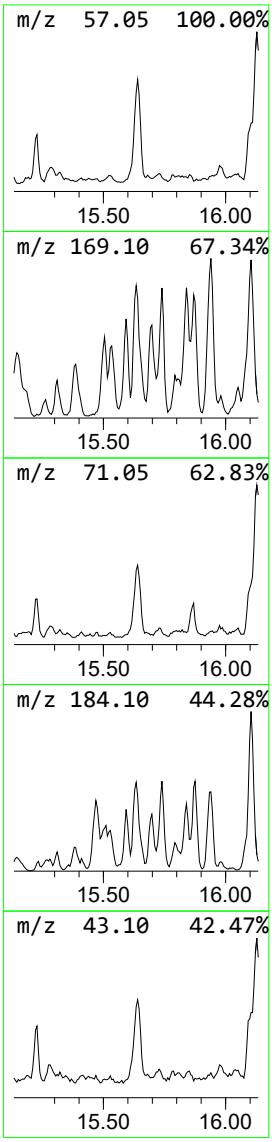
Peak Number 8 Chamazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.634	2.97 ng	370072	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	60
2	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	56
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	42
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
5	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	42





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Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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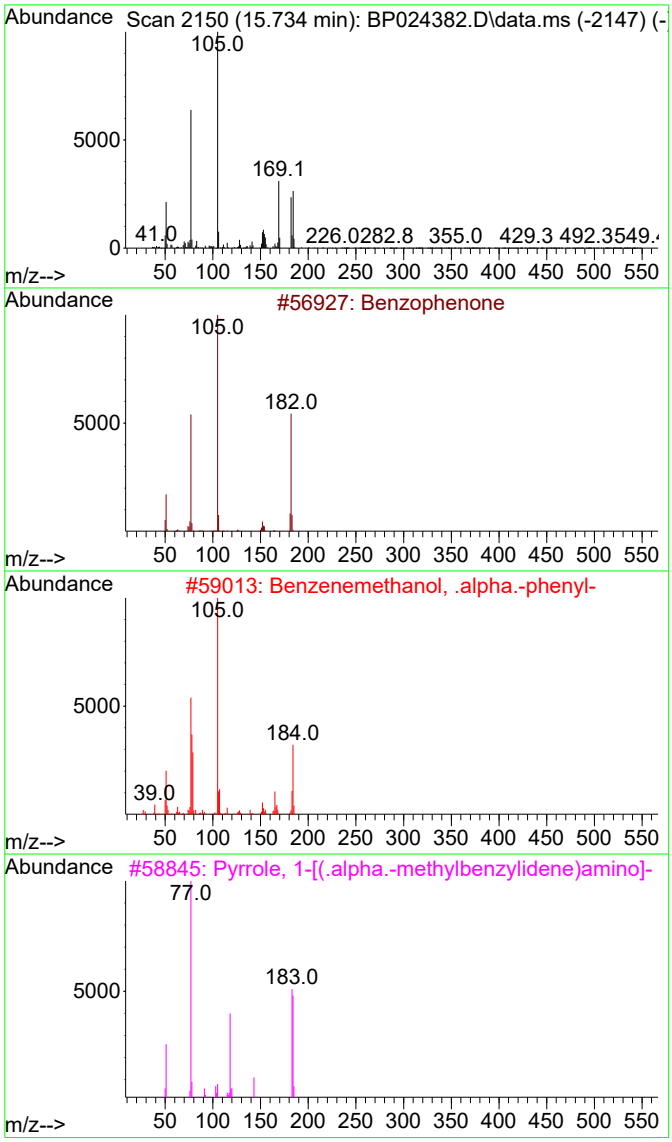
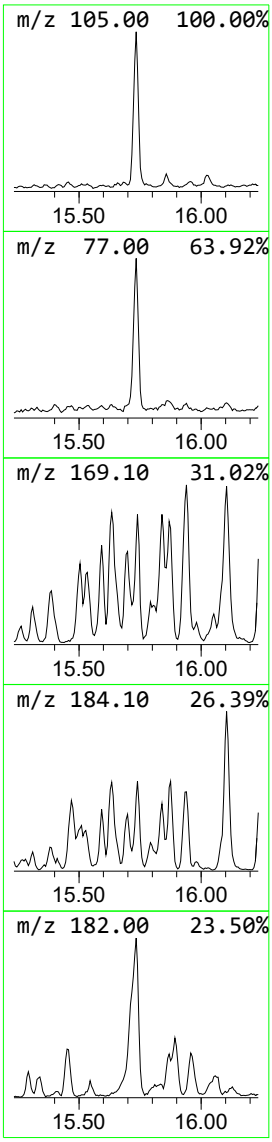
Peak Number 9 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.734	2.85 ng	355642	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	58
2	Benzenemethanol, .alpha.-phenyl-	184	C13H12O	000091-01-0	52
3	Pyrrole, 1-[(.alpha.-methylbenzy...	184	C12H12N2	024046-23-9	43
4	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	40
5	Azobenzene	182	C12H10N2	000103-33-3	38





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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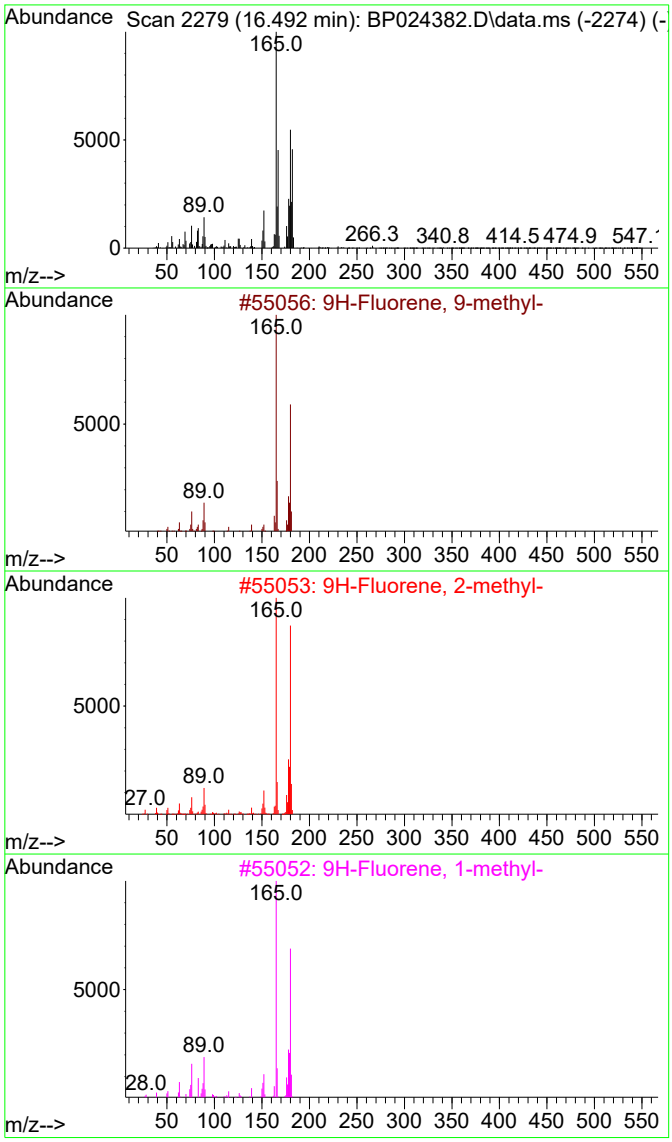
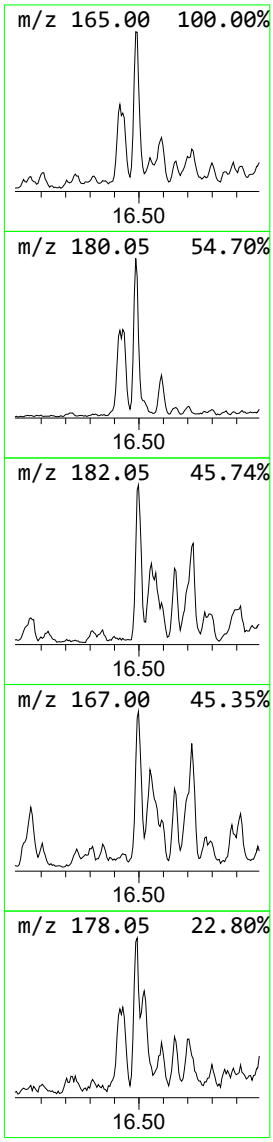
Peak Number 10 9H-Fluorene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	2.78 ng	368485	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	50





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Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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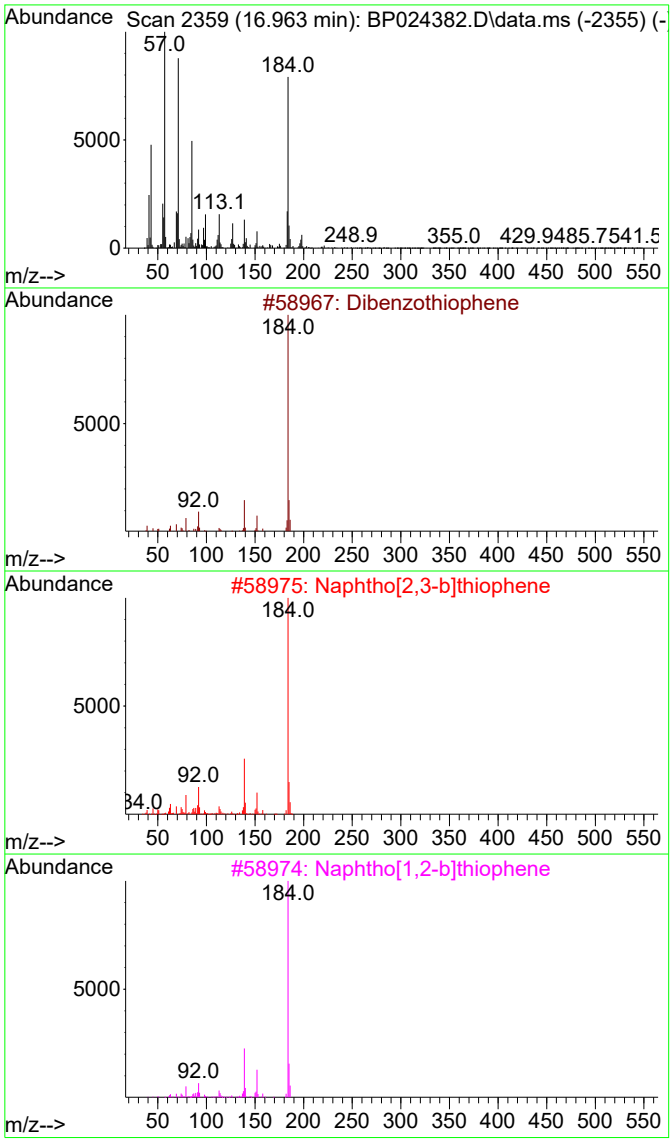
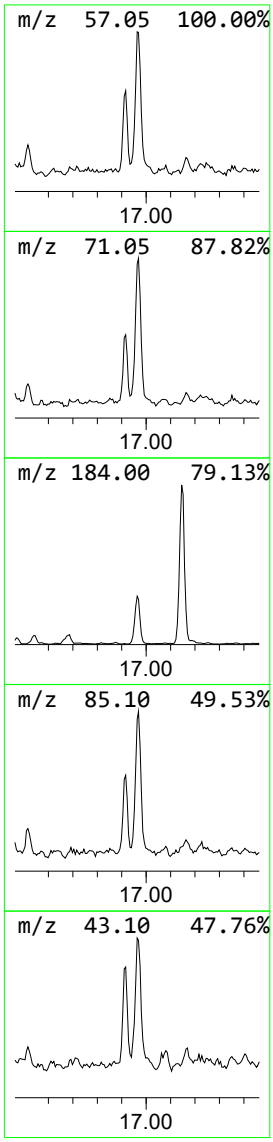
Peak Number 11 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.963	4.54 ng	601309	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	49
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	49
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	42
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	38





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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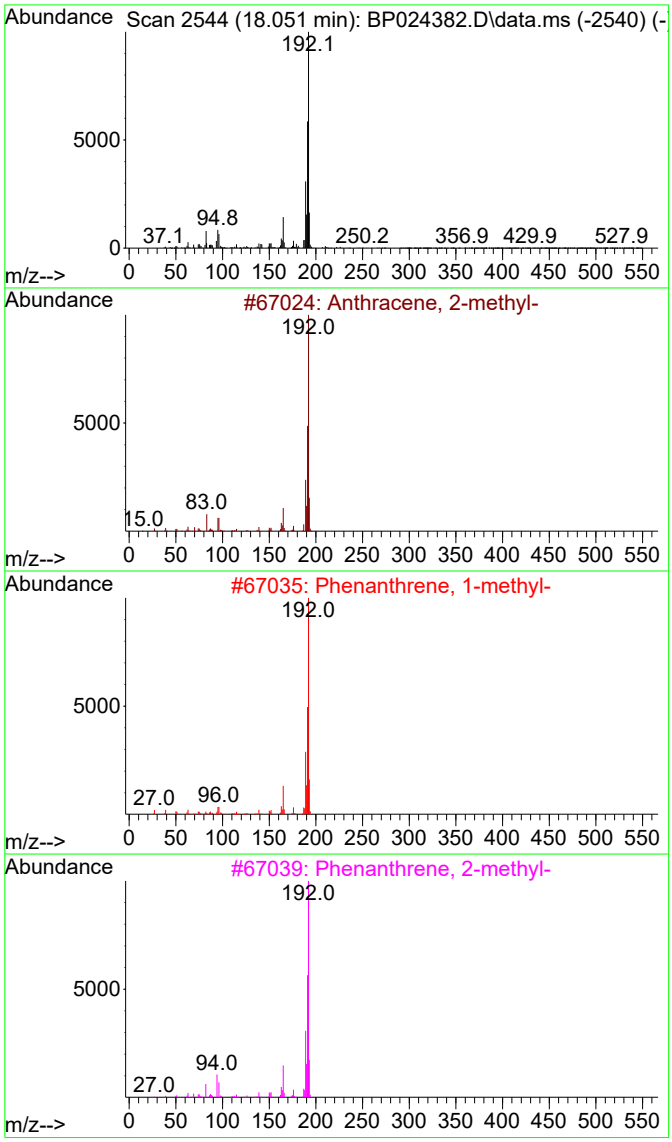
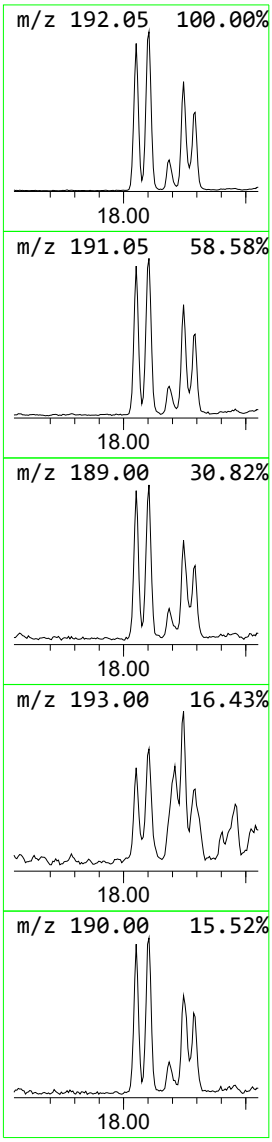
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	3.44 ng	456305	Phenanthrene-d10	17.145

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	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

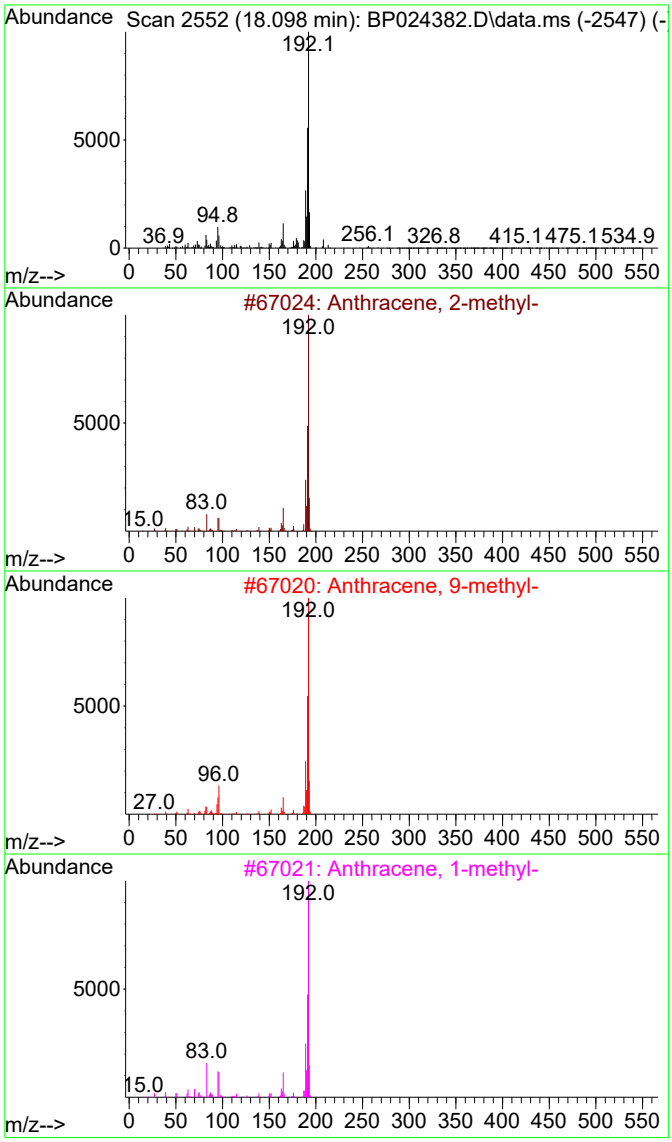
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

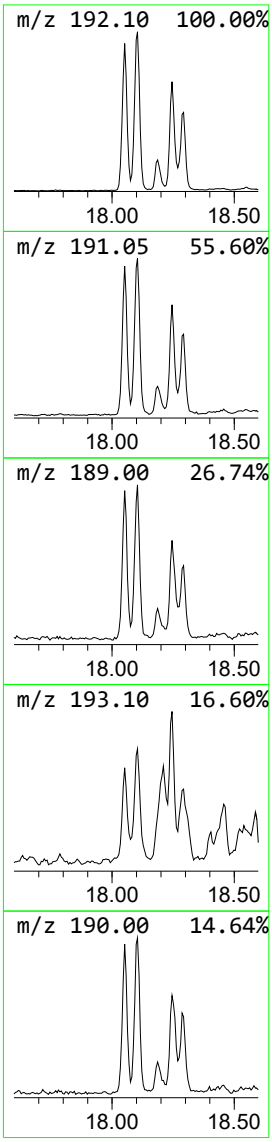
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	7.59 ng	1005560	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

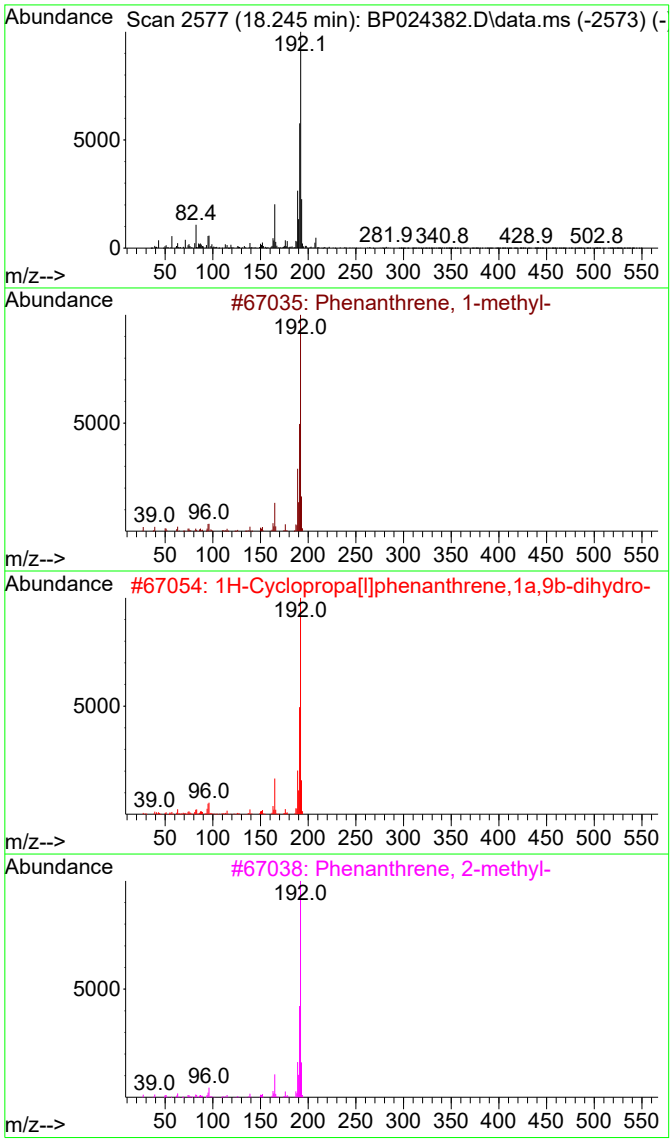
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

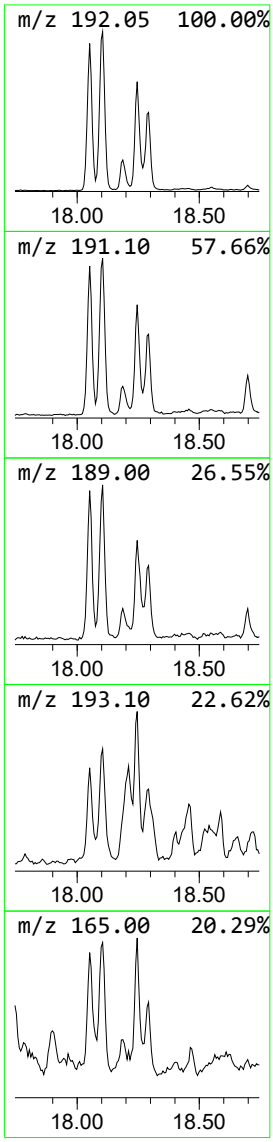
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	3.70 ng	490287	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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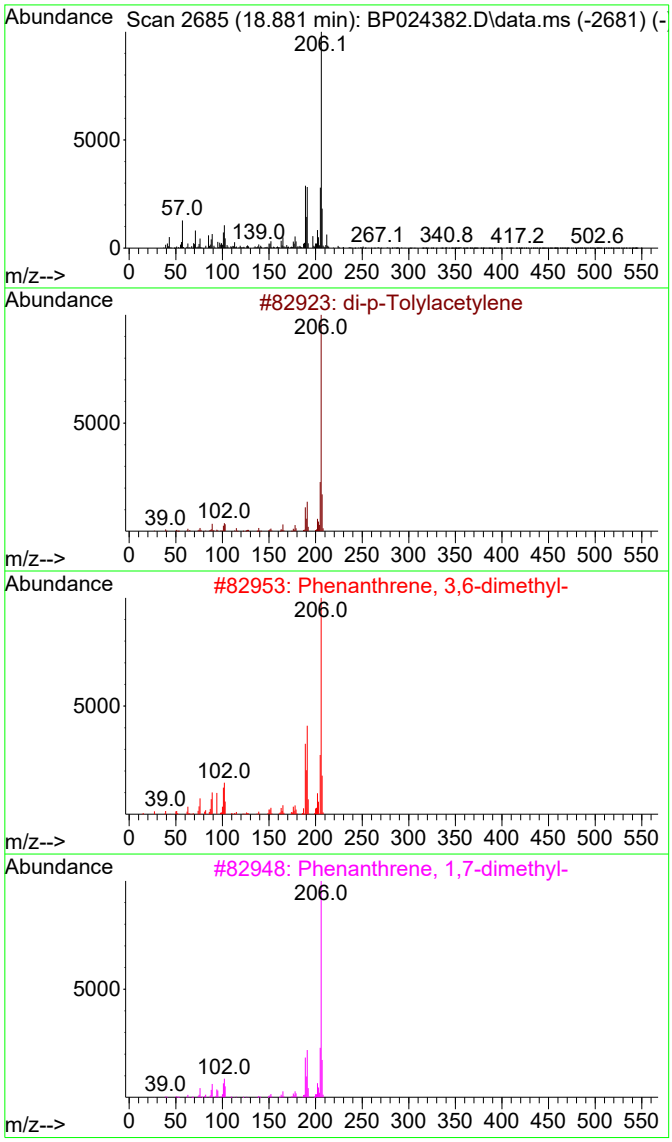
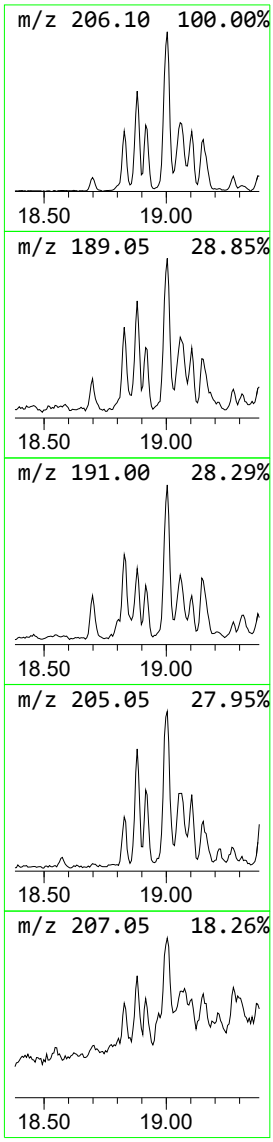
Peak Number 15 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	3.15 ng	417432	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

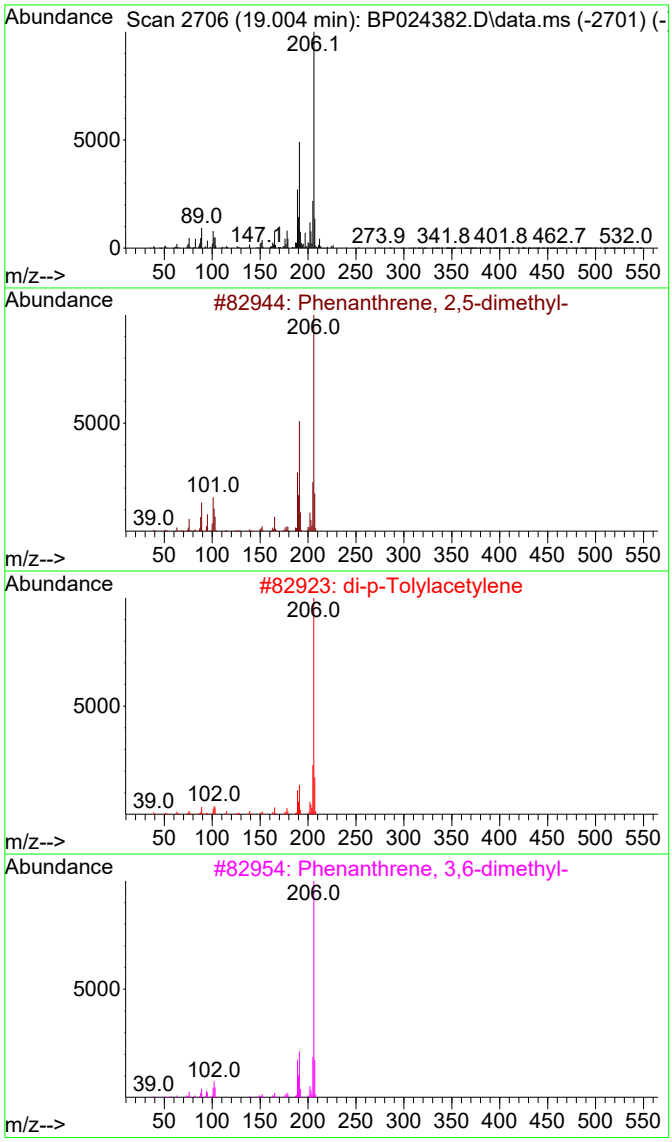
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

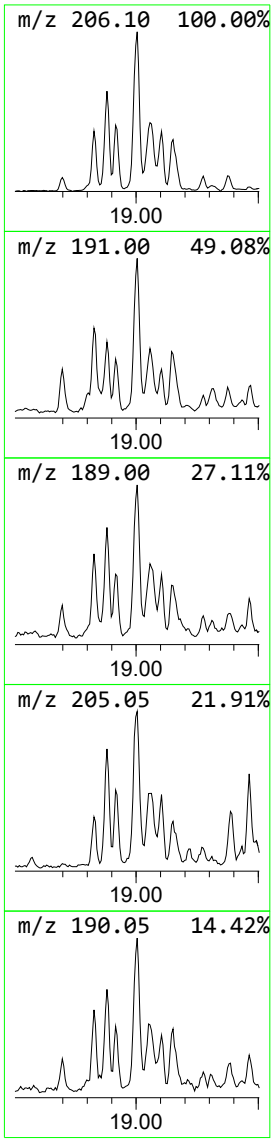
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	4.95 ng	656349	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Sample : Q1850-01
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ALS Vial : 10 Sample Multiplier: 1

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BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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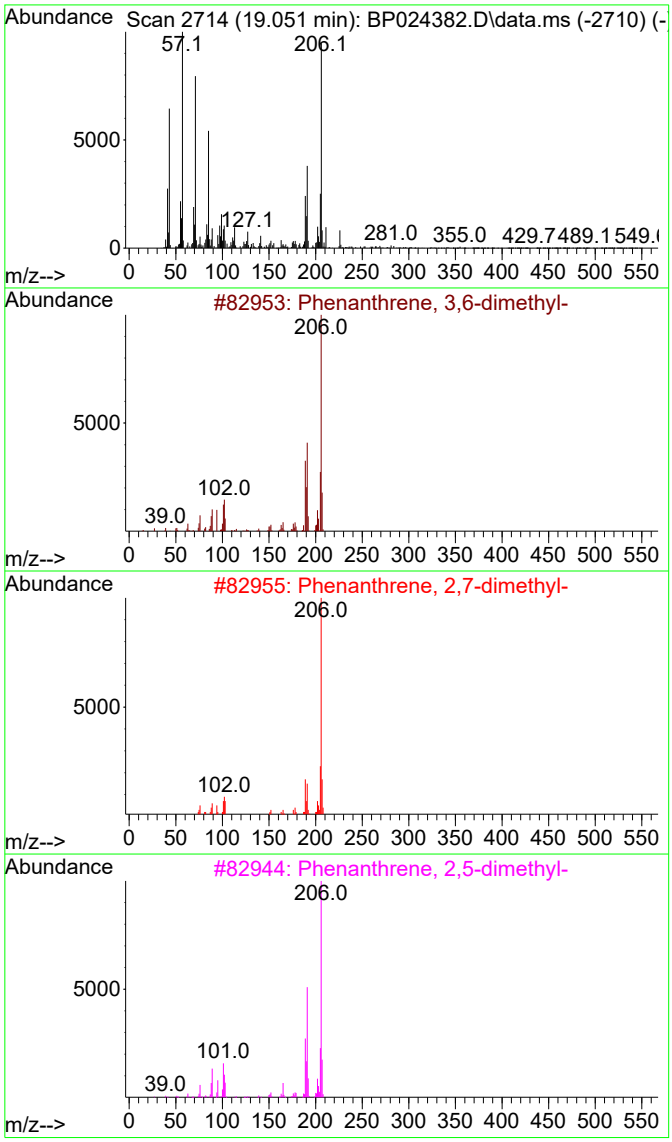
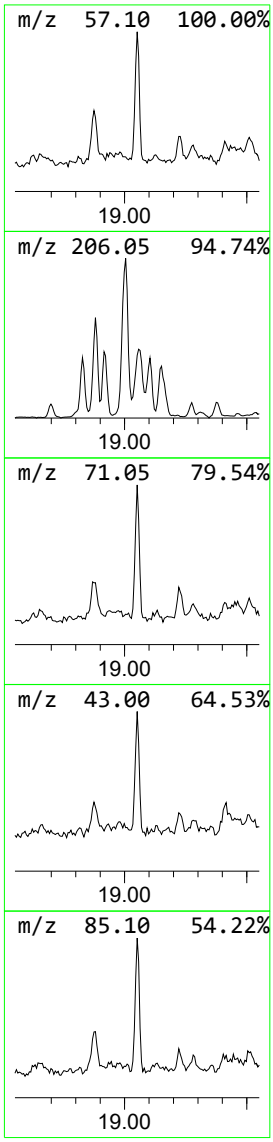
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	3.46 ng	457892	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	45





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Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

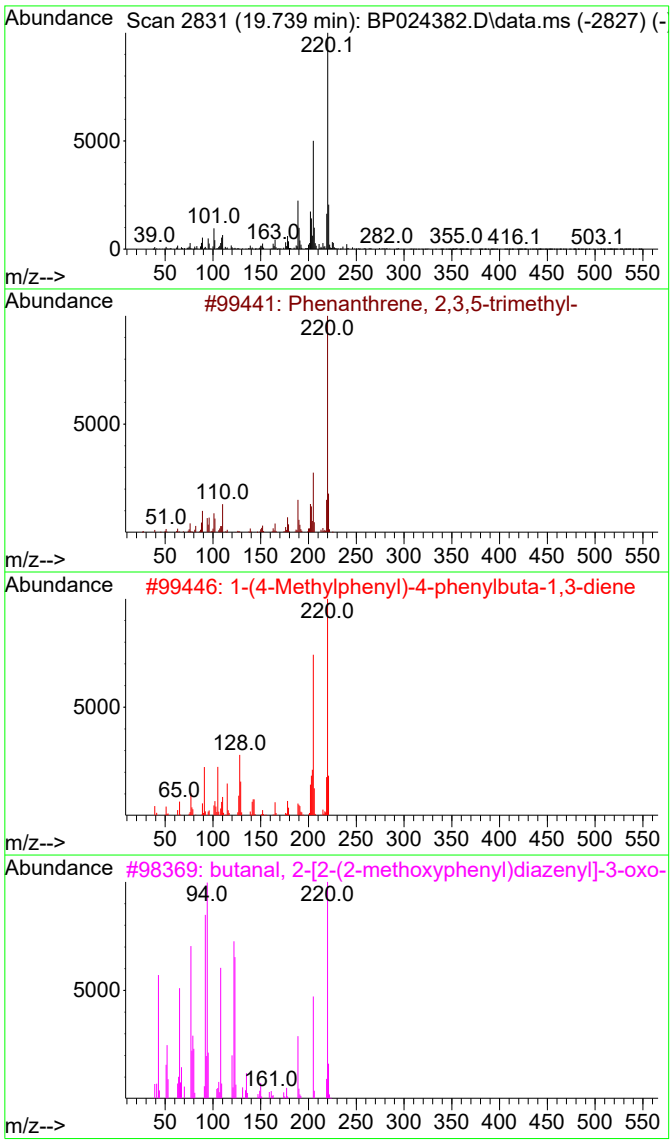
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

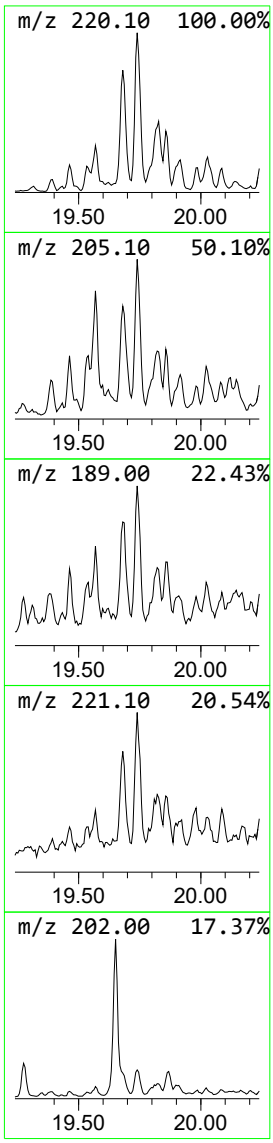
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.739	2.76 ng	450773	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	81
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
4	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

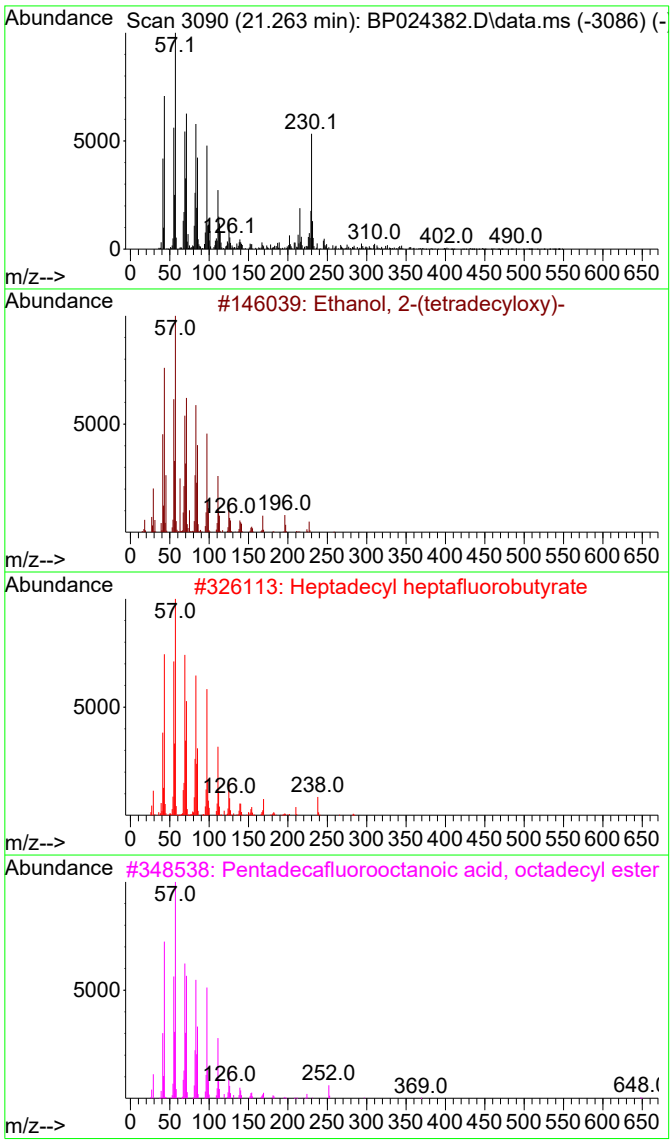
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

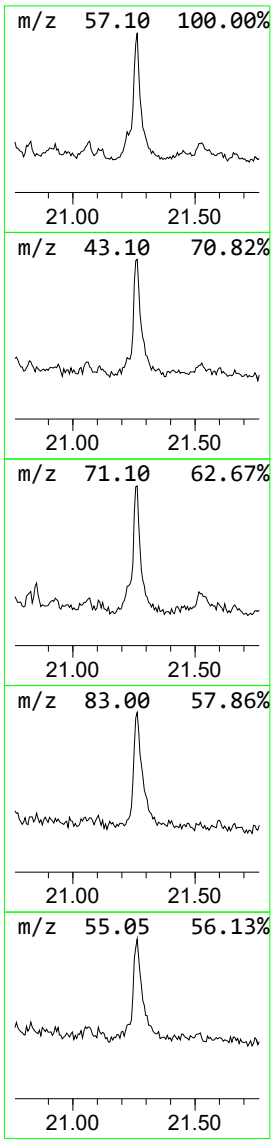
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanol, 2-(tetradecyloxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	2.83 ng	462716	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	60
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	60
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024382.D
Acq On : 22 Apr 2025 17:25
Operator : RC/JU
Sample : Q1850-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
2-Pentanone, 4-...	4.887	16.4	ng	1074460	1	7.716	1310070	20.0
Naphthalene, 1,...	13.516	4.8	ng	601810	3	14.351	2495110	20.0
Naphthalene, 1,...	13.663	5.0	ng	622011	3	14.351	2495110	20.0
Naphthalene, 1,...	13.716	2.8	ng	348575	3	14.351	2495110	20.0
Naphthalene, 1,...	14.569	3.7	ng	461268	3	14.351	2495110	20.0
Naphthalene, 1,...	14.757	3.9	ng	480321	3	14.351	2495110	20.0
Naphthalene, 2,...	14.834	3.0	ng	367473	3	14.351	2495110	20.0
Chamazulene	15.634	3.0	ng	370072	3	14.351	2495110	20.0
Benzophenone	15.734	2.9	ng	355642	3	14.351	2495110	20.0
9H-Fluorene, 9-...	16.493	2.8	ng	368485	4	17.145	2649510	20.0
Dibenzothiophene	16.963	4.5	ng	601309	4	17.145	2649510	20.0
Anthracene, 2-m...	18.051	3.4	ng	456305	4	17.145	2649510	20.0
Anthracene, 9-m...	18.098	7.6	ng	1005560	4	17.145	2649510	20.0
Phenanthrene, 1...	18.245	3.7	ng	490287	4	17.145	2649510	20.0
di-p-Tolylacety...	18.881	3.1	ng	417432	4	17.145	2649510	20.0
Phenanthrene, 2...	19.004	5.0	ng	656349	4	17.145	2649510	20.0
Phenanthrene, 3...	19.051	3.5	ng	457892	4	17.145	2649510	20.0
Phenanthrene, 2...	19.739	2.8	ng	450773	5	21.586	3267520	20.0
Ethanol, 2-(tet...	21.263	2.8	ng	462716	5	21.586	3267520	20.0