LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	10	15	21	rVV7	7803	18064	1.53%	0.147%
2	3.152	21	28	41	rVB	202338	342735	29.01%	2.792%
3	3.674	112	117	125	rBV	26463	40686	3.44%	0.331%
4	5.525	425	432	440	rBV	252837	400562	33.90%	3.263%
5	7.106	694	701	712	rBV	266277	457880	38.75%	3.729%
6	7.928	833	841	847	rBV	89540	146553	12.40%	1.194%
7	9.086	1030	1038	1046	rBV	161954	288422	24.41%	2.349%
8	10.496	1272	1278	1286	rBV2	24054	47487	4.02%	0.387%
9	10.725	1308	1317	1322	rBV	114938	204236	17.29%	1.663%
10	11.459	1437	1442	1450	rBV4	7319	13260	1.12%	0.108%
11	13.175	1728	1734	1740	rBV	358942	569750	48.22%	4.641%
12	13.228	1740	1743	1748	rVB3	23449	33586	2.84%	0.274%
13	13.381	1765	1769	1774	rBV	13705	18200	1.54%	0.148%
14	13.469	1780	1784	1788	rBV	46889	64637	5.47%	0.526%
15	13.516	1788	1792	1797	rVB3	22722	30562	2.59%	0.249%
16	13.645	1809	1814	1821	rVB2	23947	33600	2.84%	0.274%
17	13.751	1825	1832	1840	rVB3	20678	40567	3.43%	0.330%
18	13.886	1847	1855	1864	rBV	754393	1181570	100.00%	9.624%
19	13.986	1864	1872	1880	rVV4	150141	351452	29.74%	2.863%
20	14.051	1880	1883	1884	rVV2	23360	31344	2.65%	0.255%
21	14.080	1884	1888	1894	rVB2	133002	208233	17.62%	1.696%
22	14.168	1899	1903	1907	rBV4	10357	15221	1.29%	0.124%
23	14.227	1907	1913	1916	rBV4	8881	13649	1.16%	0.111%
24	14.303	1919	1926	1937	rVV	623602	1072125	90.74%	8.732%
25	14.456	1949	1952	1957	rVB2	23921	32920	2.79%	0.268%
26	14.562	1957	1970	1971	rBV	204931	322952	27.33%	2.630%
27	14.585	1971	1974	1978	rVV	248350	359224	30.40%	2.926%
28	14.626	1978	1981	1985	rVV4	21439	29445	2.49%	0.240%
29	14.679	1985	1990	1994	rVB5	11198	17793	1.51%	0.145%
30	14.773	1999	2006	2008	rVV4	57473	119306	10.10%	0.972%
31	14.814	2008	2013	2022	rVV3	370625	746575	63.18%	6.081%
32	14.891	2022	2026	2031	rVV5	6301	12584	1.07%	0.102%
33	14.955	2033	2037	2043	rVB2	25120	36262	3.07%	0.295%
34	15.085	2055	2059	2064	rVV4	10114	16419	1.39%	0.134%
35	15.367	2100	2107	2110	rBV4	12248	18461	1.56%	0.150%
36	15.408	2110	2114	2118	rVB2	12335	14828	1.25%	0.121%

LSC Area Percent Report

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Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.731	2161	2169	2173	rBV7	20800	36279	3.07%	0.295%
38	15.796	2173	2180	2184	rBV	405241	595860	50.43%	4.853%
39	15.843	2184	2188	2197	rVB2	168465	246730	20.88%	2.010%
40	15.942	2201	2205	2210	rBV3	10447	16367	1.39%	0.133%
41	16.048	2213	2223	2231	rBV	398085	642406	54.37%	5.232%
42	16.136	2236	2238	2243	rVV5	9340	13636	1.15%	0.111%
43	16.283	2256	2263	2270	rBV5	42077	90844	7.69%	0.740%
44	16.371	2275	2278	2283	rVB4	11739	18151	1.54%	0.148%
45	16.495	2293	2299	2306	rBV6	31948	60556	5.13%	0.493%
46	16.589	2306	2315	2320	rBV7	20718	56506	4.78%	0.460%
47	16.642	2321	2324	2328	rVB2	12922	16976	1.44%	0.138%
48	16.694	2328	2333	2339	rBV5	15842	27596	2.34%	0.225%
49	16.806	2347	2352	2360	rVB2	87403	136170	11.52%	1.109%
50	17.147	2405	2410	2420	rBV6	17862	42806	3.62%	0.349%
51	17.306	2427	2437	2444	rBV	257694	415941	35.20%	3.388%
52	17.400	2449	2453	2457	rBV6	8964	13472	1.14%	0.110%
53	17.505	2467	2471	2475	rVB4	27240	38645	3.27%	0.315%
54	17.546	2475	2478	2483	rVB5	16486	25563	2.16%	0.208%
55	17.629	2486	2492	2497	rBV4	40827	64559	5.46%	0.526%
56	17.693	2497	2503	2510	rVB7	12681	28305	2.40%	0.231%
57	17.917	2535	2541	2547	rBV4	38394	65613	5.55%	0.534%
58	18.063	2561	2566	2570	rBV8	8064	18013	1.52%	0.147%
59	18.110	2570	2574	2581	rVB6	16974	32159	2.72%	0.262%
60	18.204	2586	2590	2597	rBV3	50854	78709	6.66%	0.641%
61	18.275	2597	2602	2605	rBV4	19627	29386	2.49%	0.239%
62	18.328	2610	2611	2618	rVV6	12354	21594	1.83%	0.176%
63	18.381	2618	2620	2625	rVV6	9324	16786	1.42%	0.137%
64	18.428	2625	2628	2634	rVB5	11443	18661	1.58%	0.152%
65	19.479	2804	2807	2812	rBV5	9634	16306	1.38%	0.133%
66	19.926	2874	2883	2892	rBV	681543	903303	76.45%	7.357%
67	20.231	2929	2935	2940	rVB7	6257	12034	1.02%	0.098%
68	20.907	3045	3050	3054	rBV4	17135	21409	1.81%	0.174%
69	21.224	3100	3104	3109	rBV2	36395	62610	5.30%	0.510%
70	21.565	3156	3162	3169	rBV	290544	455982	38.59%	3.714%
71	21.759	3191	3195	3198	rBV5	10259	13032	1.10%	0.106%
72	22.353	3290	3296	3299	rBV6	11720	19449	1.65%	0.158%
73	23.199	3438	3440	3449	rVB6	11837	22424	1.90%	0.183%
74	23.798	3540	3542	3550	rVB7	9108	15141	1.28%	0.123%
75	24.691	3684	3694	3706	rBV	180816	516626	43.72%	4.208%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

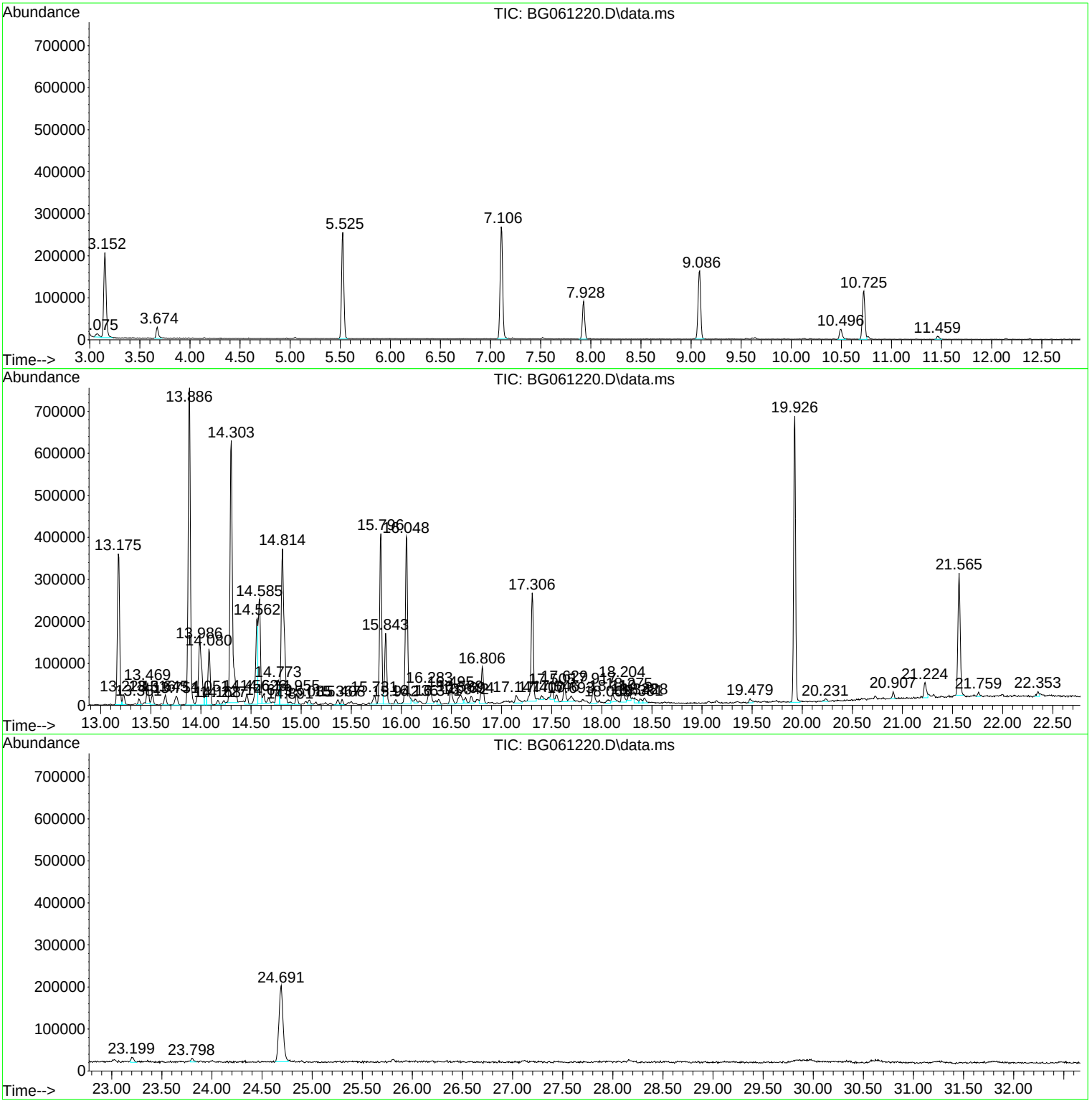
Sum of corrected areas: 12277755

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

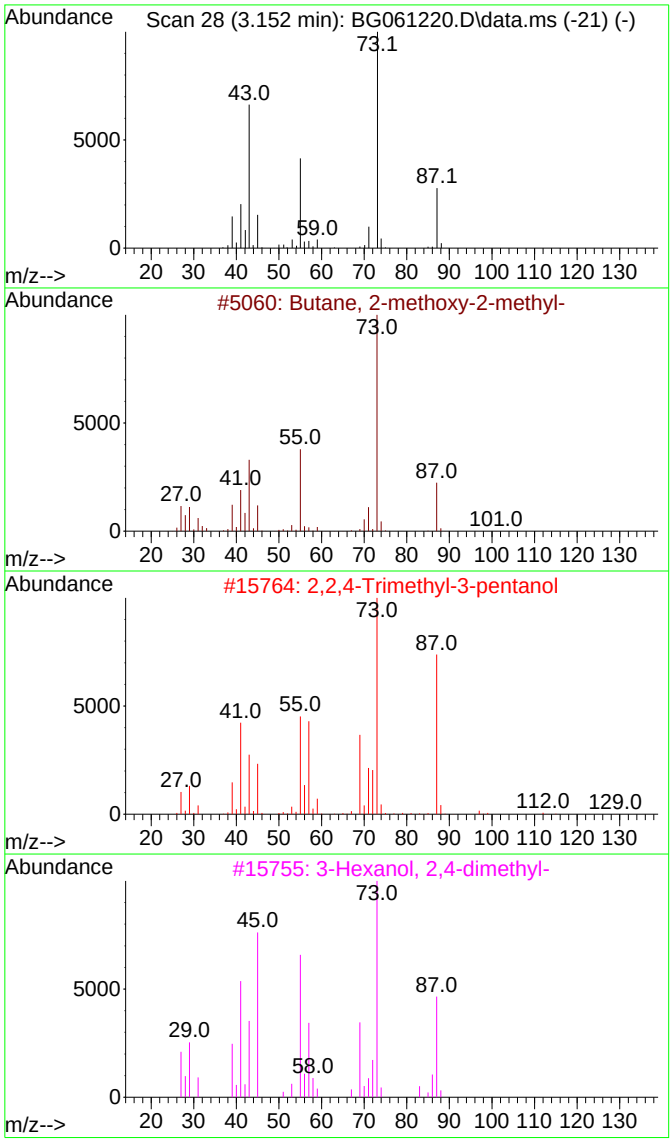
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

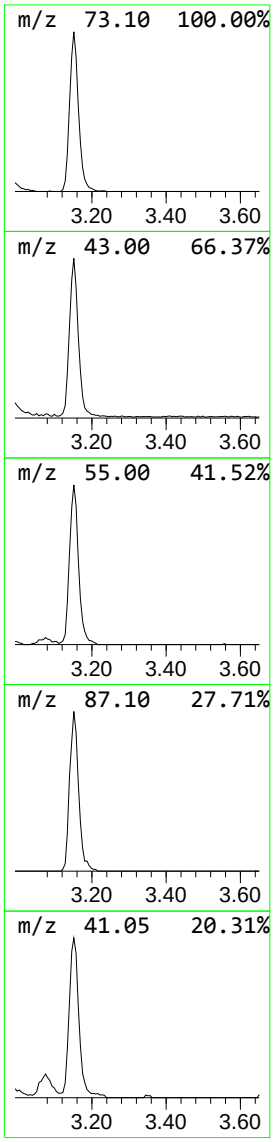
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	46.77 ng	342735	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

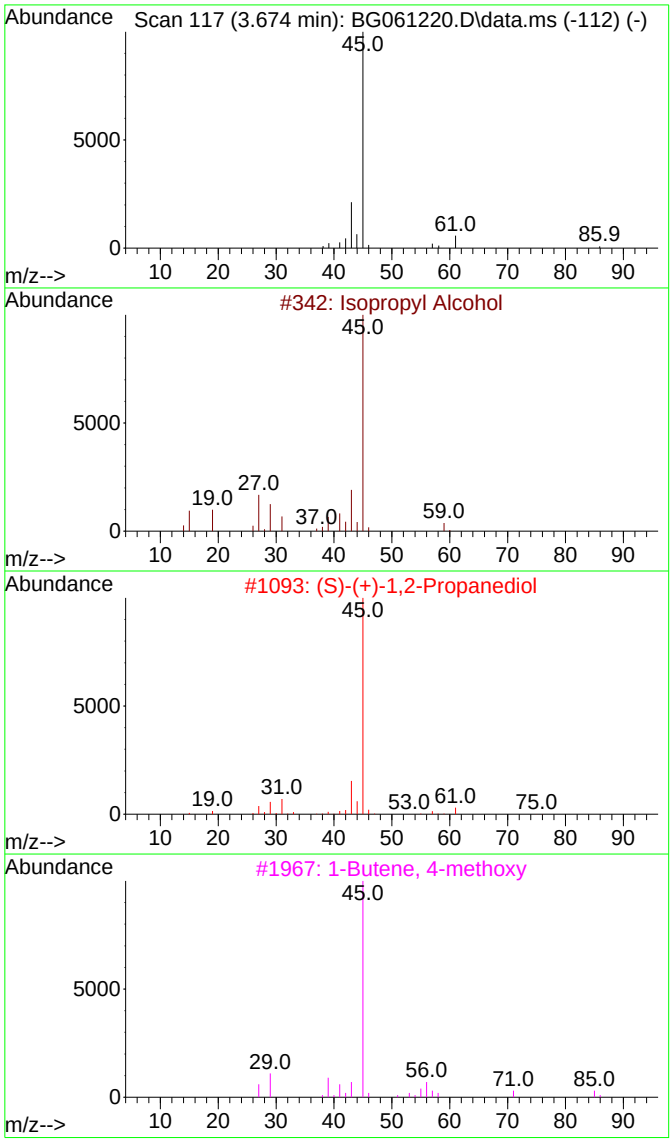
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

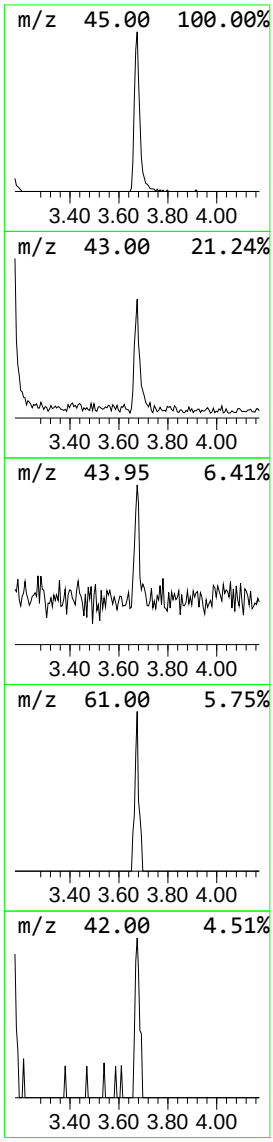
****

Peak Number 2 unknown3.674 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	5.55 ng	40686	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
3	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	7
4	Formamide	45	CH3NO	000075-12-7	4
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

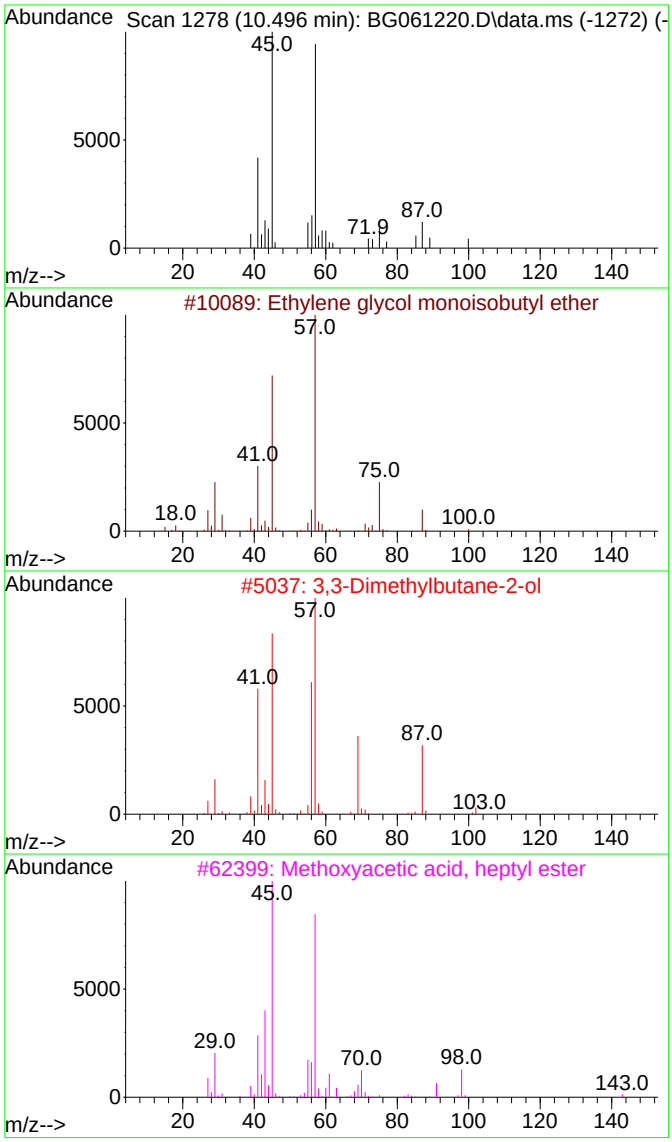
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

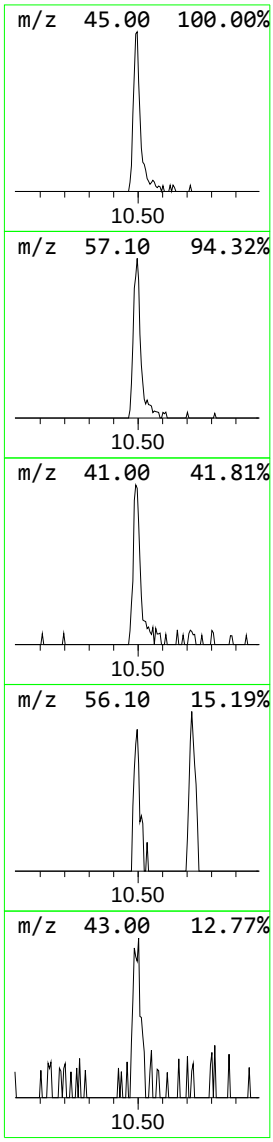
****

Peak Number 3 unknown10.496 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.496	4.65 ng	47487	Naphthalene-d8	10.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
3	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	42
4	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	38
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38





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Data File : BG061220.D
Acq On : 16 May 2024 14:36
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Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

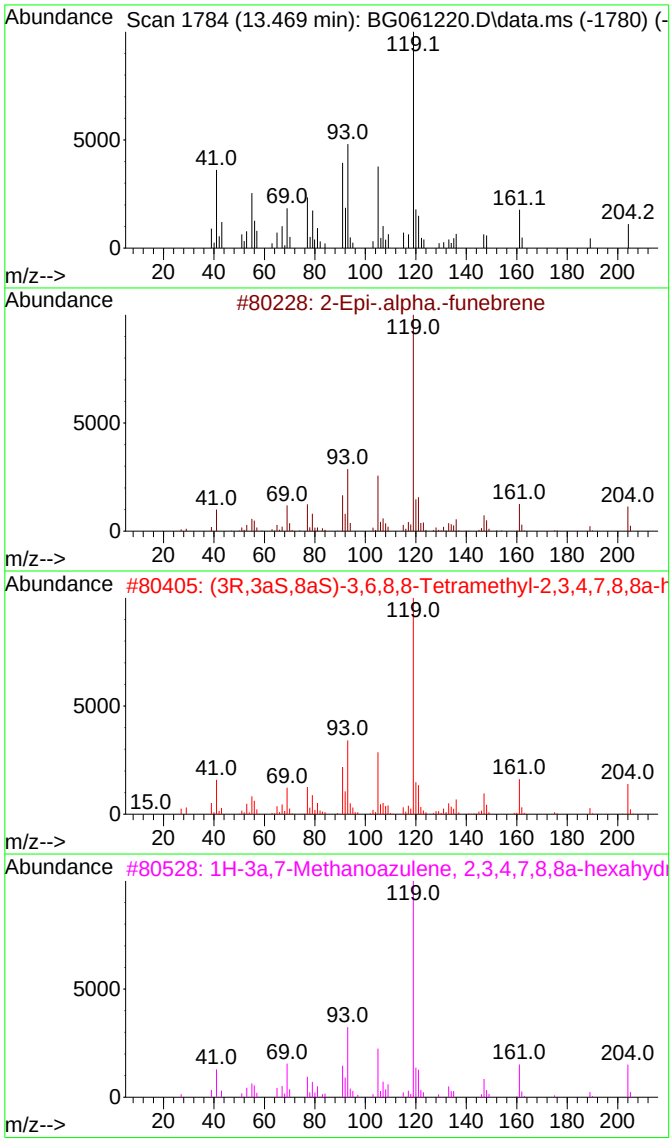
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

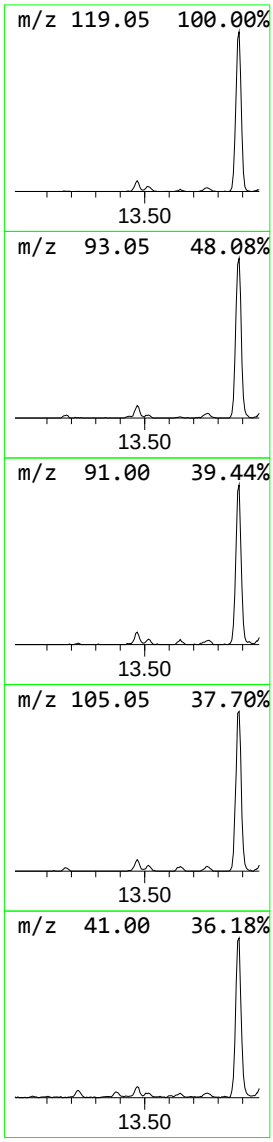
****

Peak Number 4 2-Epi-.alpha.-funebrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	4.00 ng	64637	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Epi-.alpha.-funebrene	204	C15H24	065354-33-8	96
2	(3R,3aS,8aS)-3,6,8,8-Tetramethyl...	204	C15H24	022567-43-7	95
3	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	91
4	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	87
5	(1R,4R,5S)-1,8-Dimethyl-4-(prop-...	204	C15H24	729602-94-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

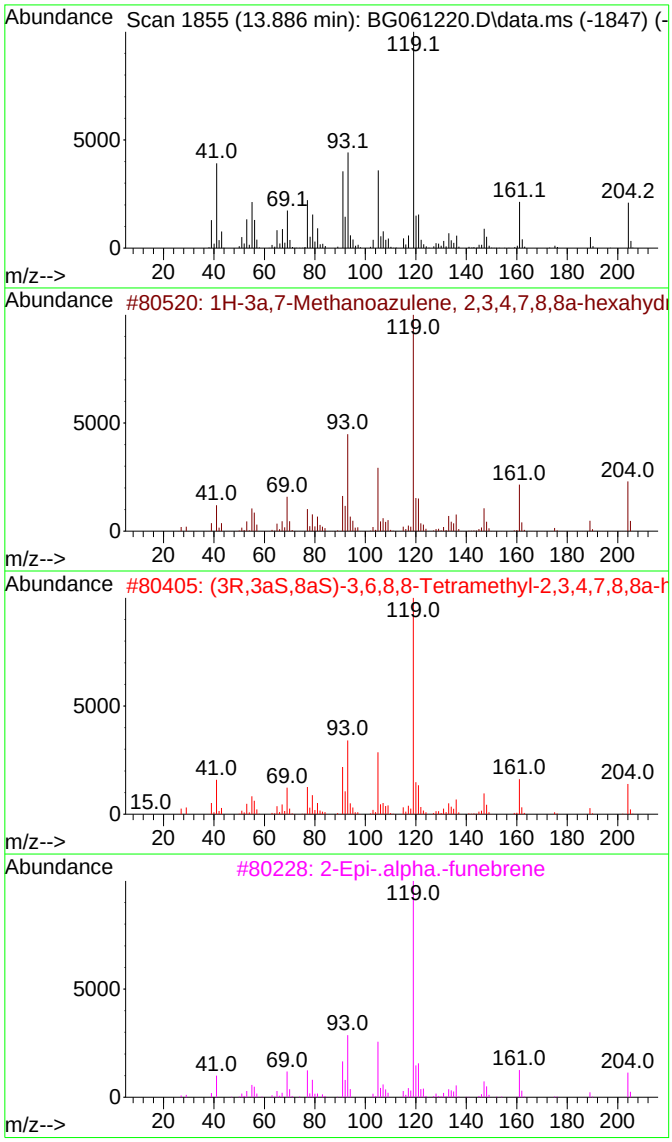
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

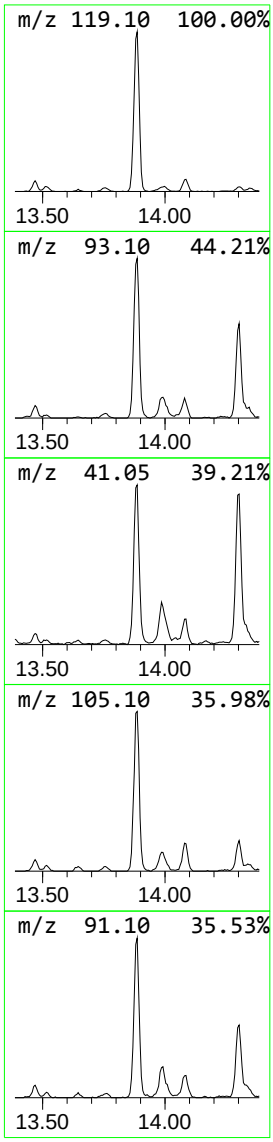
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	73.17 ng	1181570	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	98
2	(3R,3aS,8aS)-3,6,8,8-Tetramethyl...	204	C15H24	022567-43-7	97
3	2-Epi-.alpha.-funebrene	204	C15H24	065354-33-8	90
4	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	86
5	trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

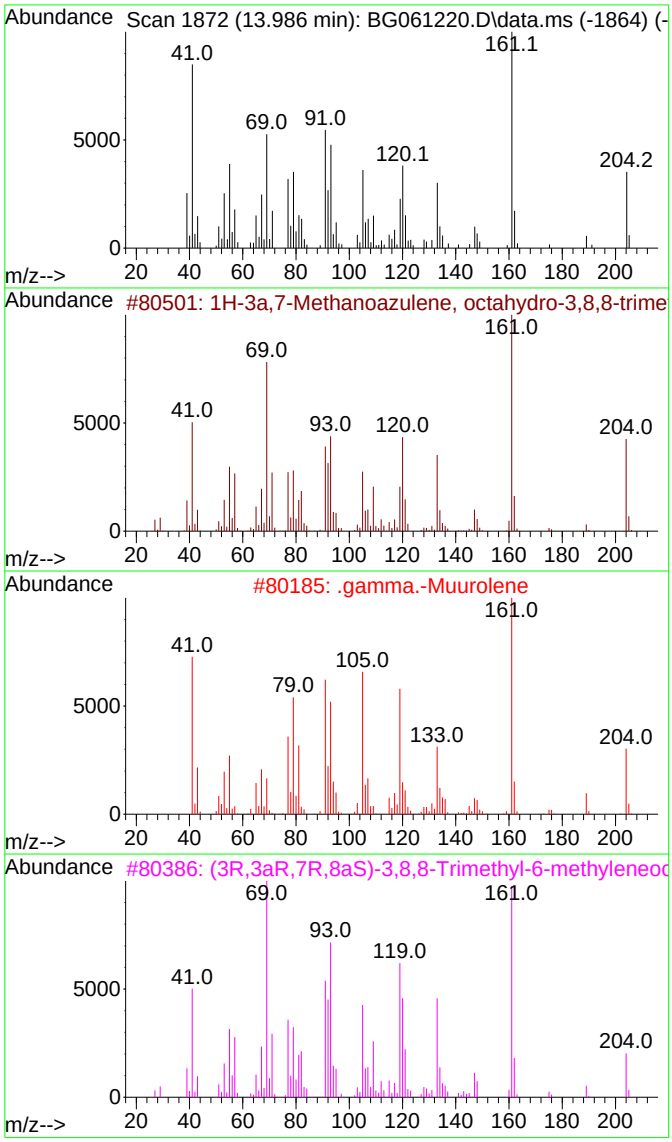
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

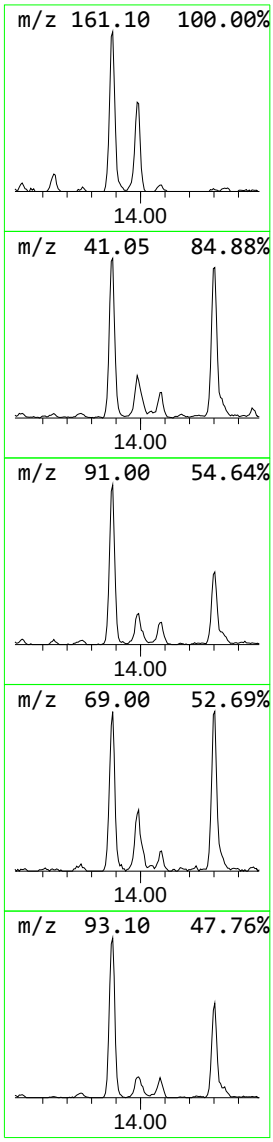
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-3a,7-Methanoazulene, oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	21.77 ng	351452	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000546-28-1	96
2	.gamma.-Muurolene	204	C15H24	030021-74-0	93
3	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	93
4	Naphthalene, decahydro-1,6-bis(m...	204	C15H24	030021-46-6	90
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	83





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Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

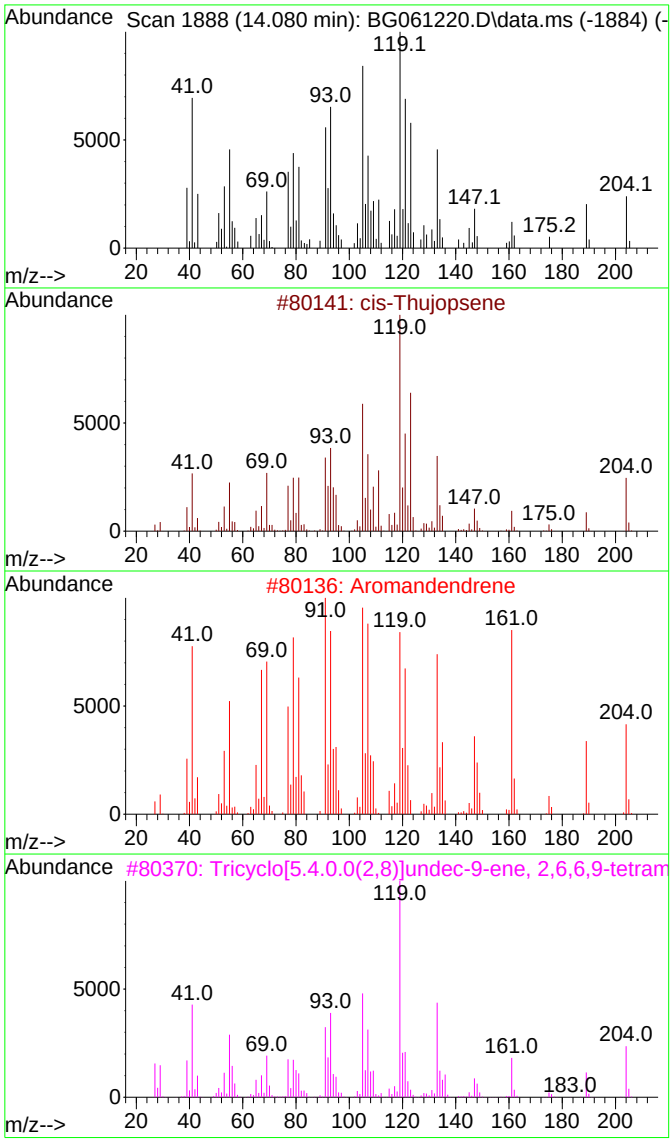
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

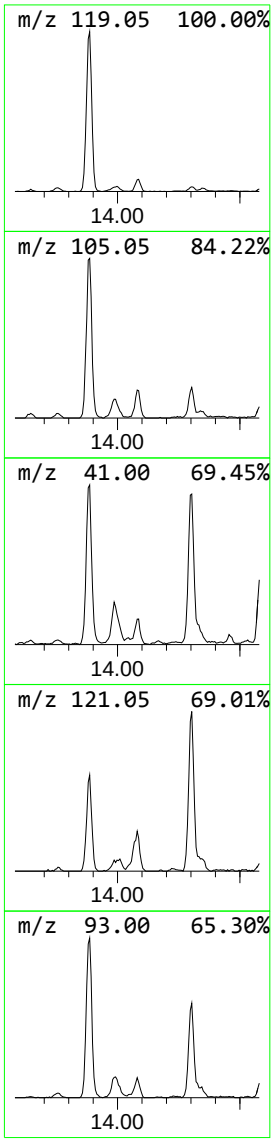
****

Peak Number 7 cis-Thujopsene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	12.90 ng	208233	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	95
2	Aromandendrene	204	C15H24	000489-39-4	91
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86
4	(4aS,9aR)-3,5,5,9-Tetramethyl-2,...	204	C15H24	053111-25-4	81
5	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	60





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Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

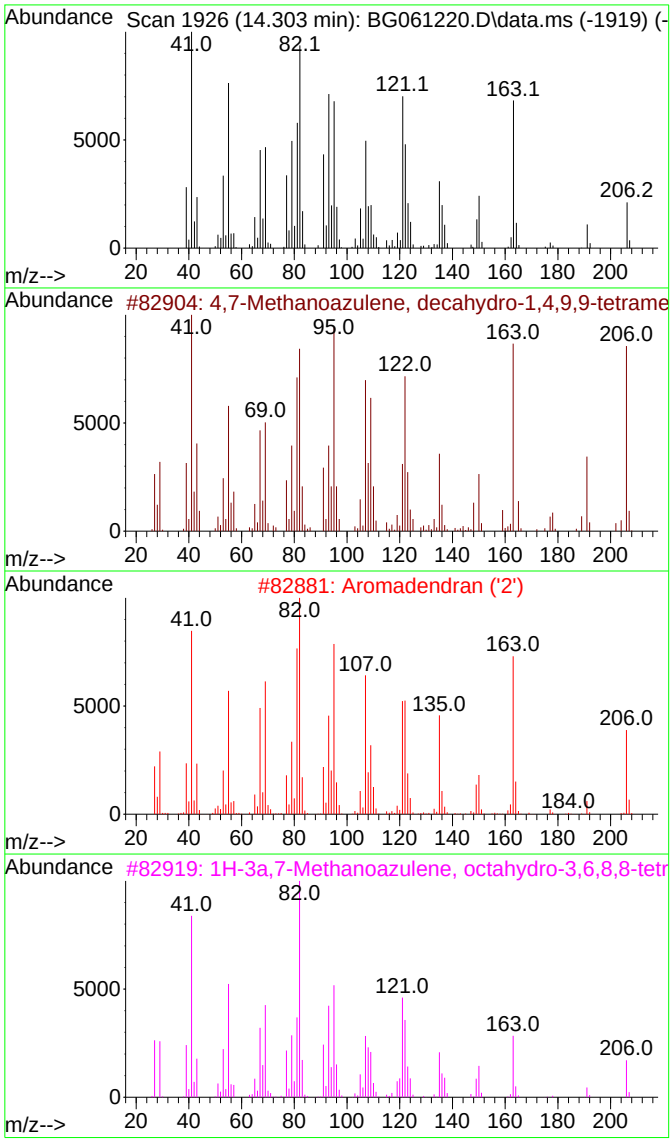
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

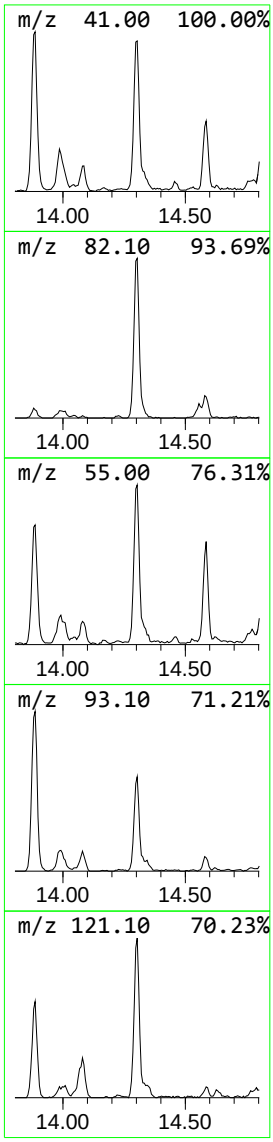
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4,7-Methanoazulene, decahyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.303	66.40 ng	1072130	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoazulene, decahydro-1,...	206	C15H26	020478-88-0	86
2	Aromadendran ('2')	206	C15H26	110769-62-5	76
3	1H-3a,7-Methanoazulene, octahydr...	206	C15H26	013567-54-9	70
4	2-Cyclohexen-1-one, 2,4,4-trimet...	206	C13H18O2	027185-77-9	45
5	1H-Cycloprop[e]azulene, decahydr...	206	C15H26	028580-43-0	43





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Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

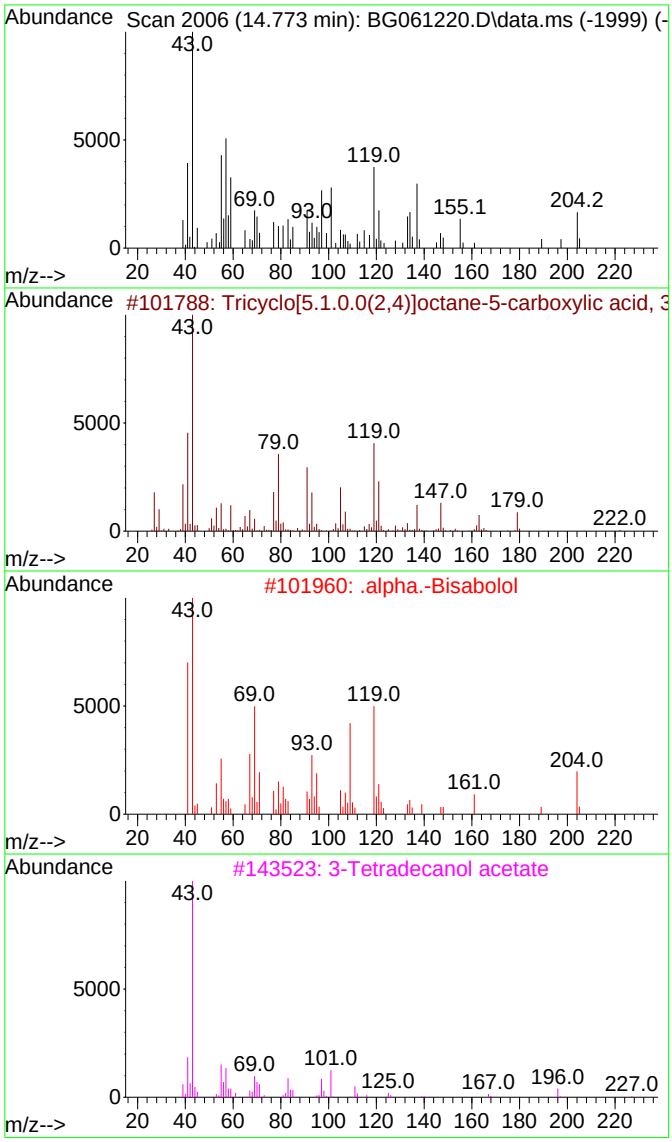
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

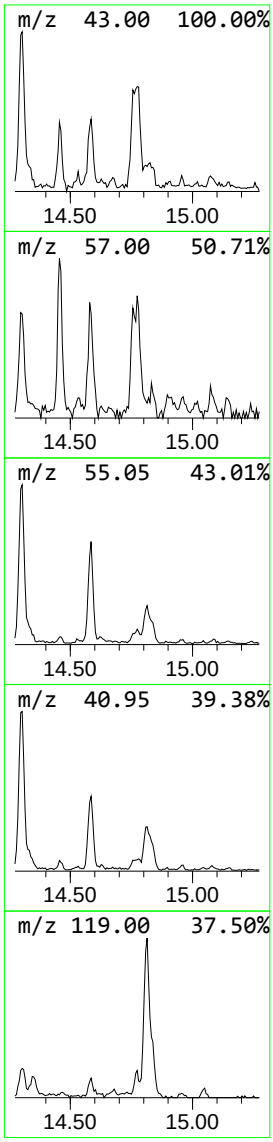
****

Peak Number 9 unknown14.773 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.773	7.39 ng	119306	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.1.0.0(2,4)]octane-5-c...	222	C14H22O2	074810-39-2	22
2	.alpha.-Bisabolol	222	C15H26O	000515-69-5	10
3	3-Tetradecanol acetate	256	C16H32O2	051354-23-5	10
4	2,3-Dehydro-4-oxo-.beta.-ionone	204	C13H16O2	077503-87-8	10
5	(1R,5S,6R)-2,7,7-Trimethylbicycl...	194	C12H18O2	067999-48-8	10





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Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

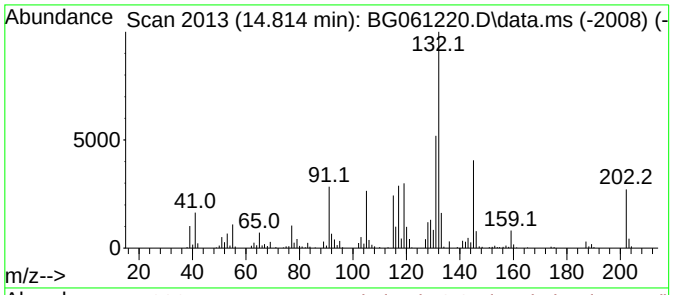
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

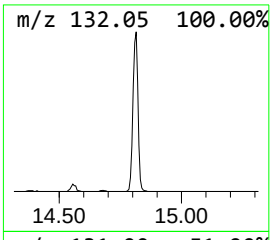
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

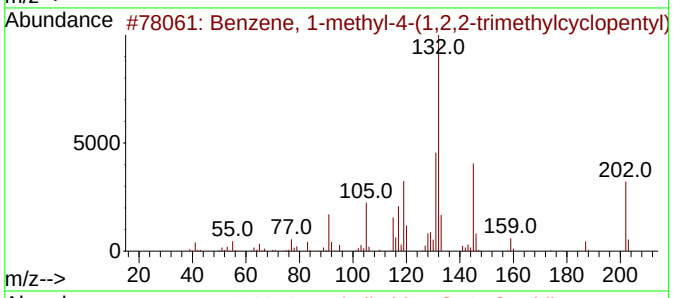
****
Peak Number 10 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 4

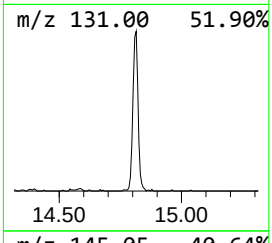
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	46.23 ng	746575	Acenaphthene-d10	14.562

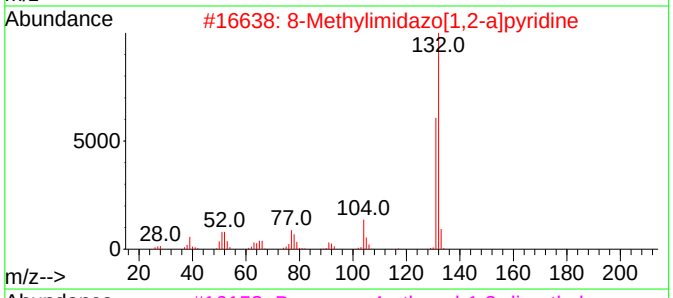
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	96
2	8-Methylimidazo[1,2-a]pyridine	132	C8H8N2	000874-10-2	43
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	38
4	Benzenamine, 4-cyclohexyl-	175	C12H17N	006373-50-8	38
5	7-Amino-1H-indole	132	C8H8N2	005192-04-1	38

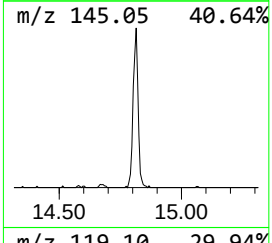


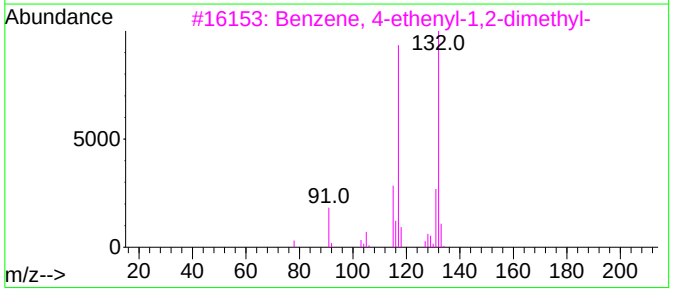


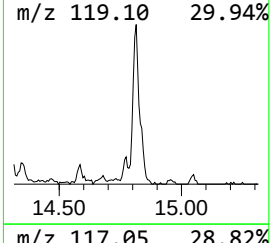


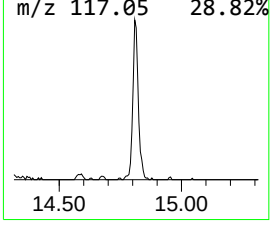












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Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

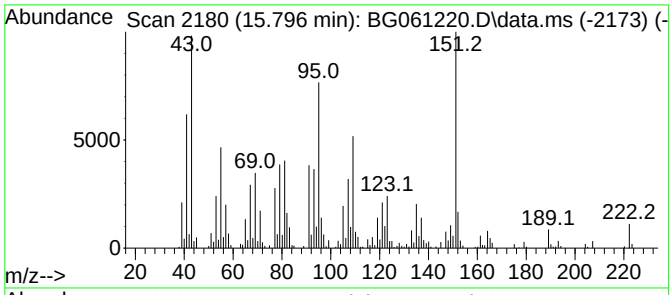
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

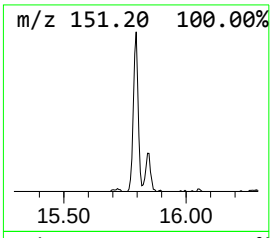
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

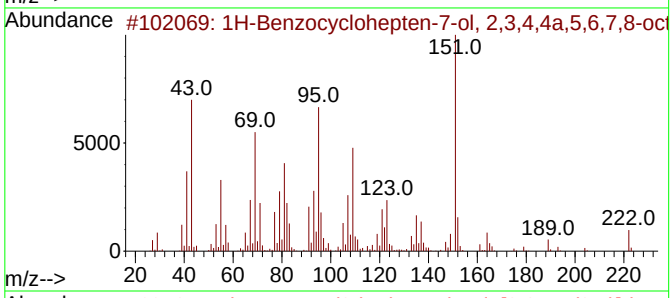
****
Peak Number 11 1H-Benzocyclohepten-7-ol, 2... Concentration Rank 5

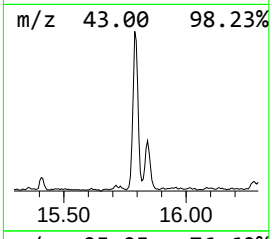
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.796	36.90 ng	595860	Acenaphthene-d10	14.562

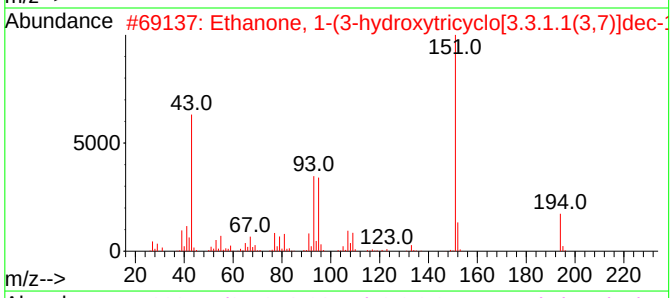
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	96
2	Ethanone, 1-(3-hydroxytricyclo[3...	194	C12H18O2	039917-38-9	47
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	43
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	41
5	Isolongifolol	222	C15H26O	001139-17-9	38

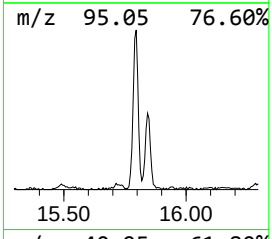


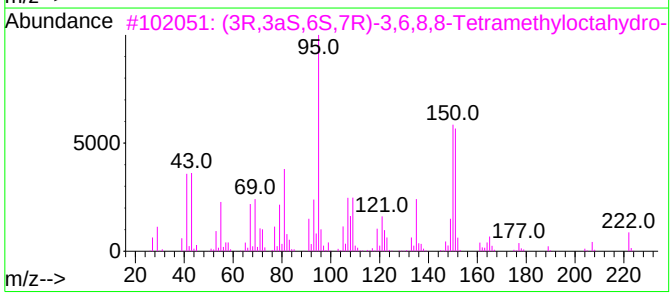


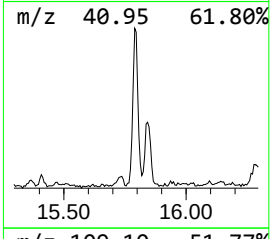


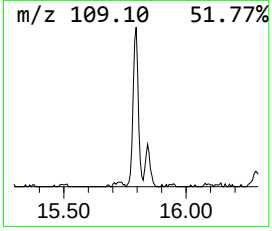












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Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

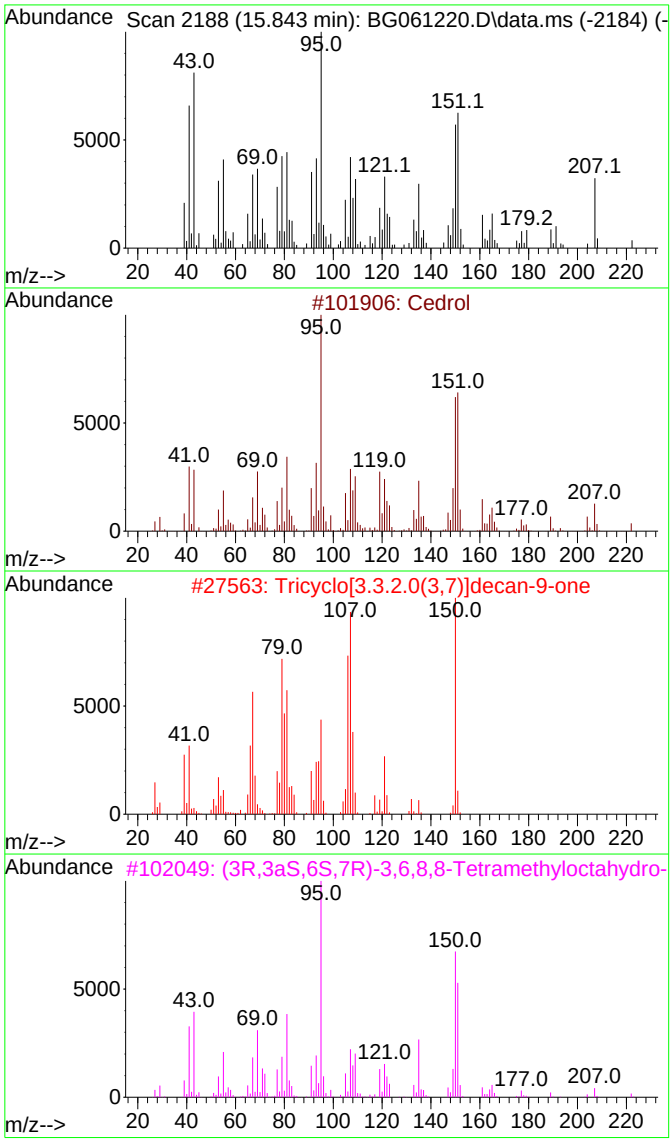
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

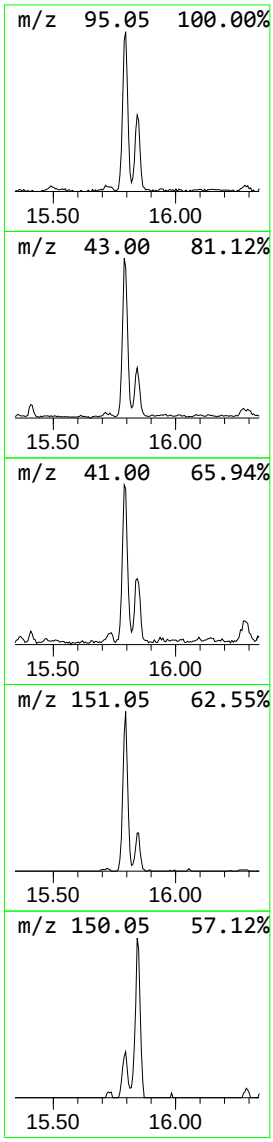
****

Peak Number 12 Cedrol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	15.28 ng	246730	Acenaphthene-d10	14.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	93
2	Tricyclo[3.3.2.0(3,7)]decan-9-one	150	C10H14O	071382-31-5	43
3	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	35
4	4-(1H-Imidazol-2-yl)piperidine	151	C8H13N3	1000459-68-4	30
5	Ethanethioamide, N-phenyl-	151	C8H9NS	000637-53-6	30





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Operator : MA/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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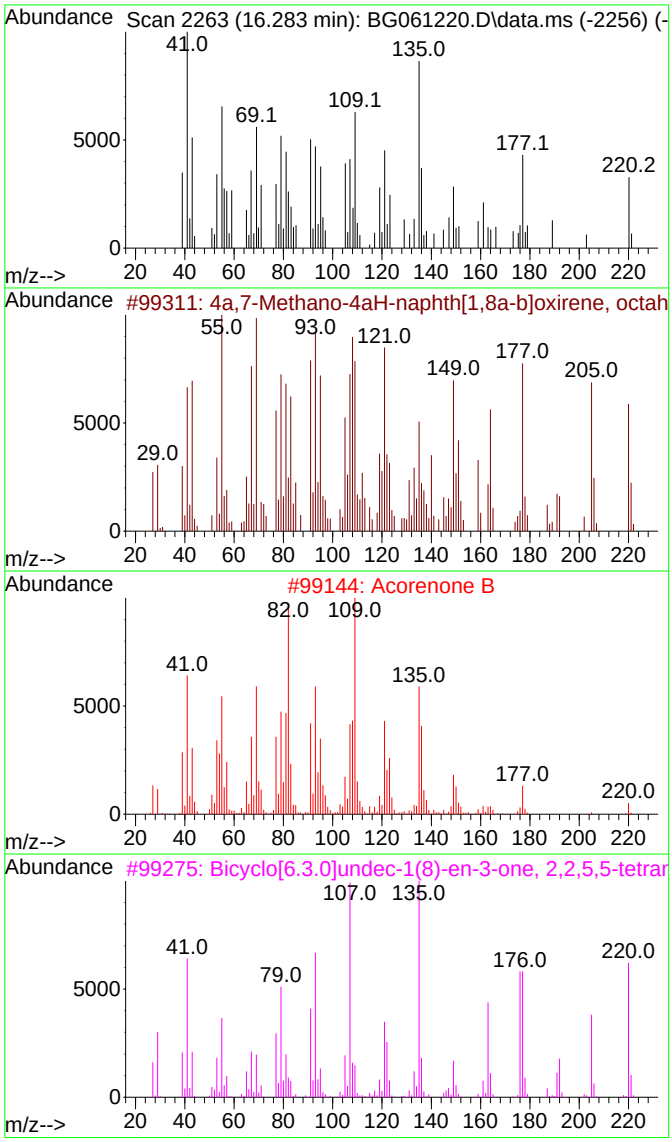
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

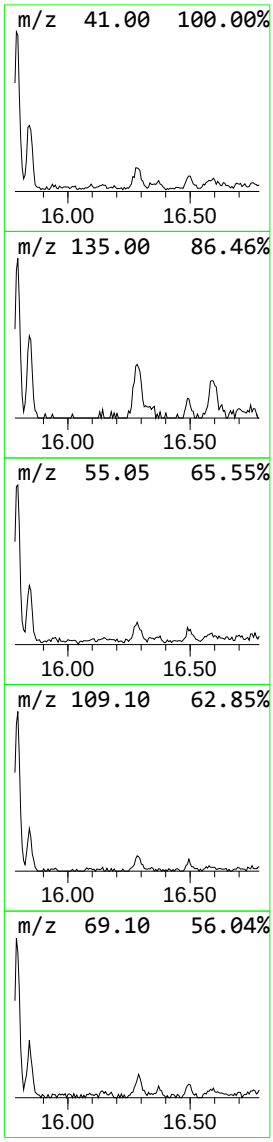
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4a,7-Methano-4aH-naphth[1,8... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.283	4.37 ng	90844	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,7-Methano-4aH-naphth[1,8a-b]o...	220	C15H24O	067999-56-8	64
2	Acorenone B	220	C15H24O	021653-33-8	47
3	Bicyclo[6.3.0]undec-1(8)-en-3-on...	220	C15H24O	1000164-02-7	43
4	Acetic acid, 6,6-dimethyl-2-meth...	280	C16H24O4	1000186-15-5	35
5	Ethanone, 1-(2-benzothiazolyl)-	177	C9H7NOS	001629-78-3	35





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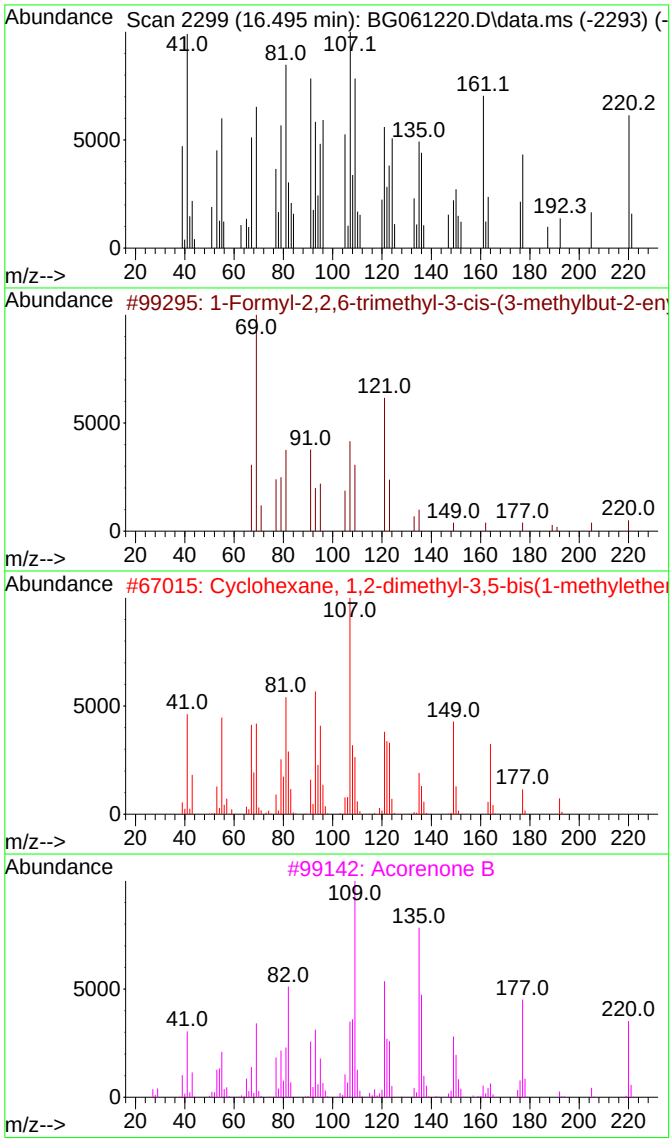
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

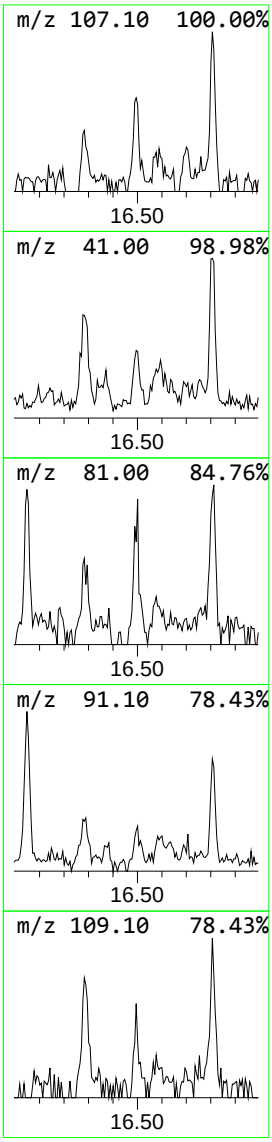
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Formyl-2,2,6-trimethyl-3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	2.91 ng	60556	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	53
2	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	47
3	Acorenone B	220	C15H24O	021653-33-8	46
4	Cyclopentaneacetaldehyde, 2-form...	166	C10H14O2	005951-57-5	41
5	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	38





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Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

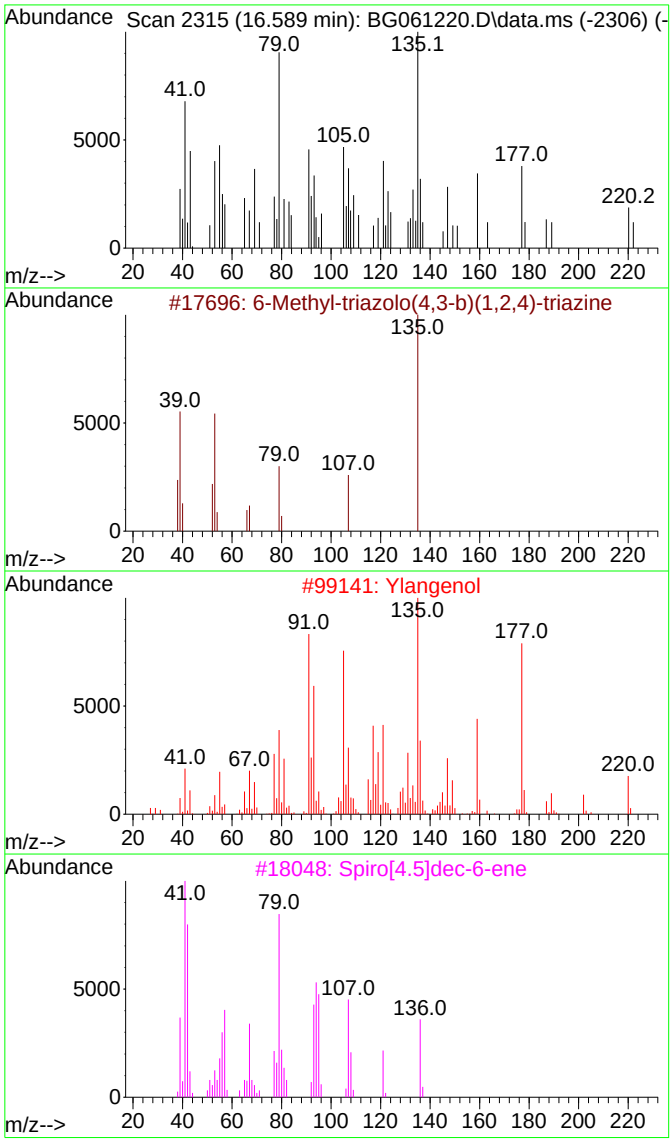
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

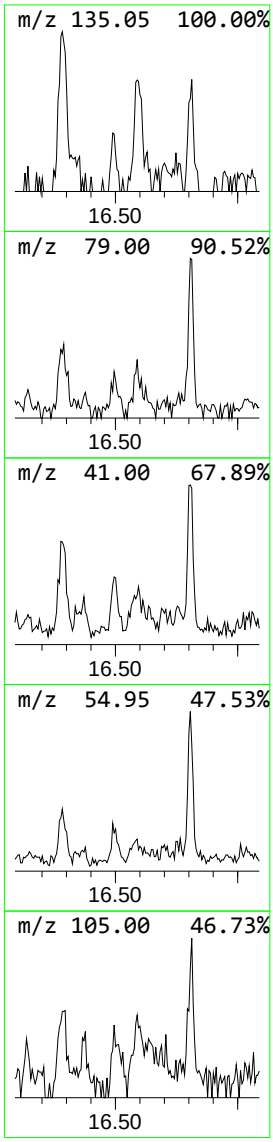
****

Peak Number 15 unknown16.589 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.589	2.72 ng	56506	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-triazolo(4,3-b)(1,2,4)-...	135	C5H5N5	061139-69-3	49
2	Ylangenol	220	C15H24O	041610-69-9	25
3	Spiro[4.5]dec-6-ene	136	C10H16	000697-28-9	15
4	1-(Adamantyl)cyclohexene	216	C16H24	078053-16-4	14
5	Piperonyl piperazine	220	C12H16N2O2	032231-06-4	11





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Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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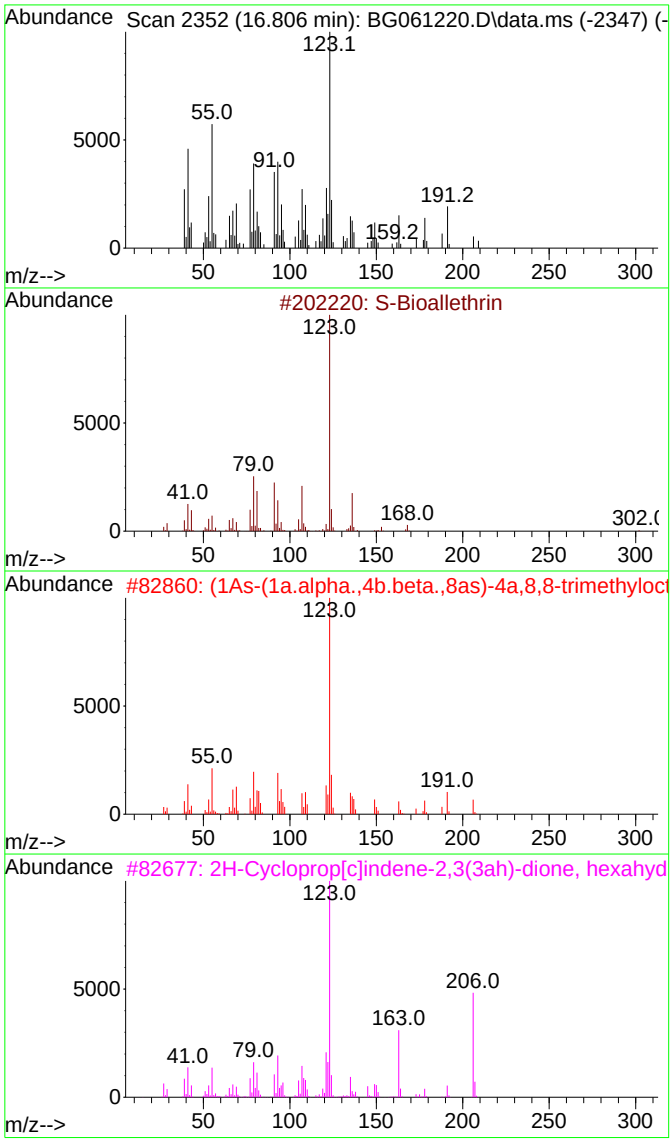
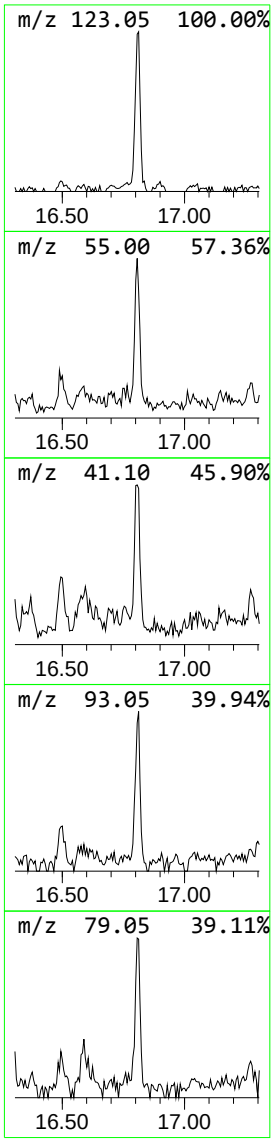
Peak Number 16 S-Bioallethrin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.806	6.55 ng	136170	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Bioallethrin	302	C19H26O3	028434-00-6	50
2	(1As-(1a.alpha.,4b.beta.,8as)-4a...	206	C14H22O	082262-79-1	46
3	2H-Cycloprop[c]indene-2,3(3ah)-d...	206	C13H18O2	096678-99-8	43
4	Cyclopropanecarboxylic acid, 2,2...	330	C21H30O3	004466-14-2	38
5	1-(4-Hydroxyphenyl)propane-1,2-d...	168	C9H12O3	1000495-85-5	35





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Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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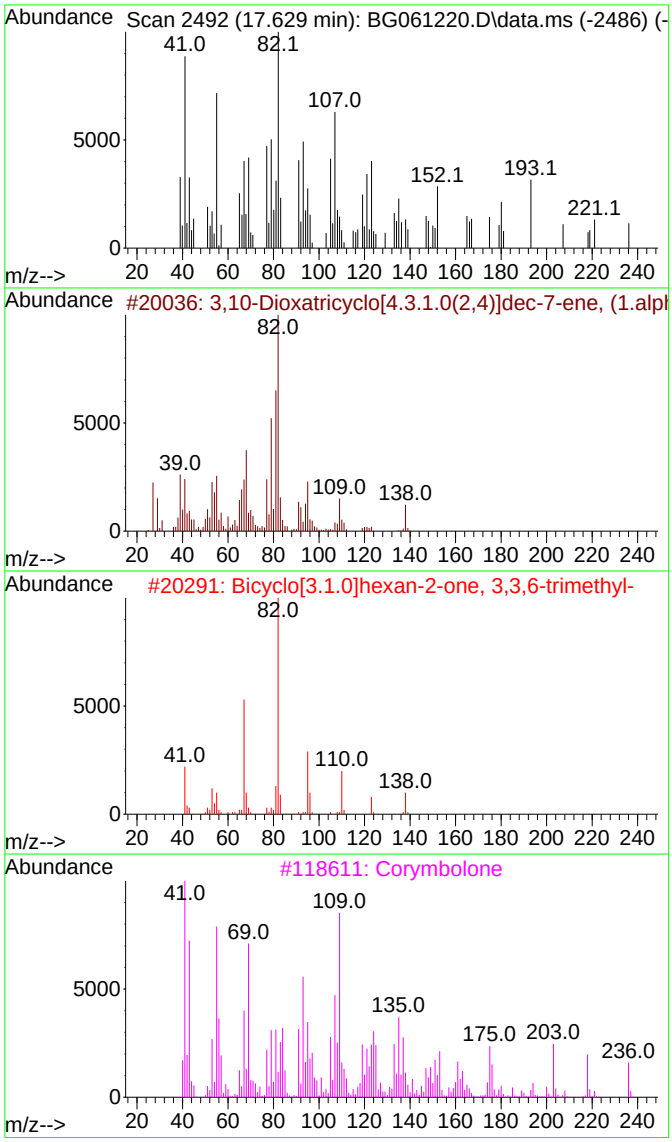
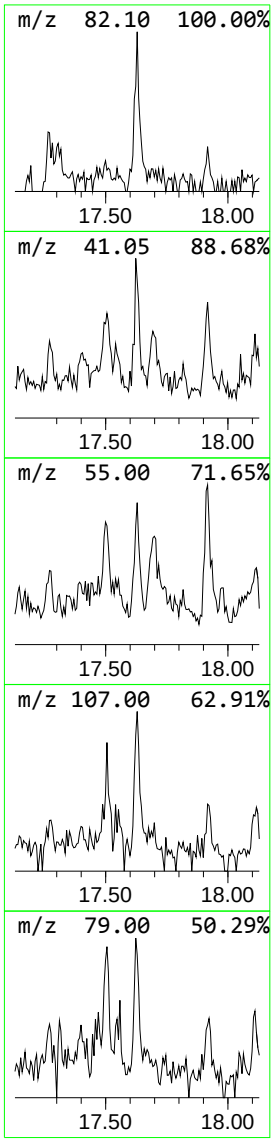
Peak Number 17 unknown17.629 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.629	3.10 ng	64559	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,10-Dioxatricyclo[4.3.1.0(2,4)]...	138	C8H10O2	050267-08-8	35
2	Bicyclo[3.1.0]hexan-2-one, 3,3,6...	138	C9H14O	053966-40-8	25
3	Corymbolone	236	C15H24O2	097094-19-4	18
4	2-Methyl-2-bornene	150	C11H18	072540-93-3	15
5	Tricyclo[5.2.1.0(2,6)]dec-4-en-8...	148	C10H12O	1000191-39-7	14





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Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

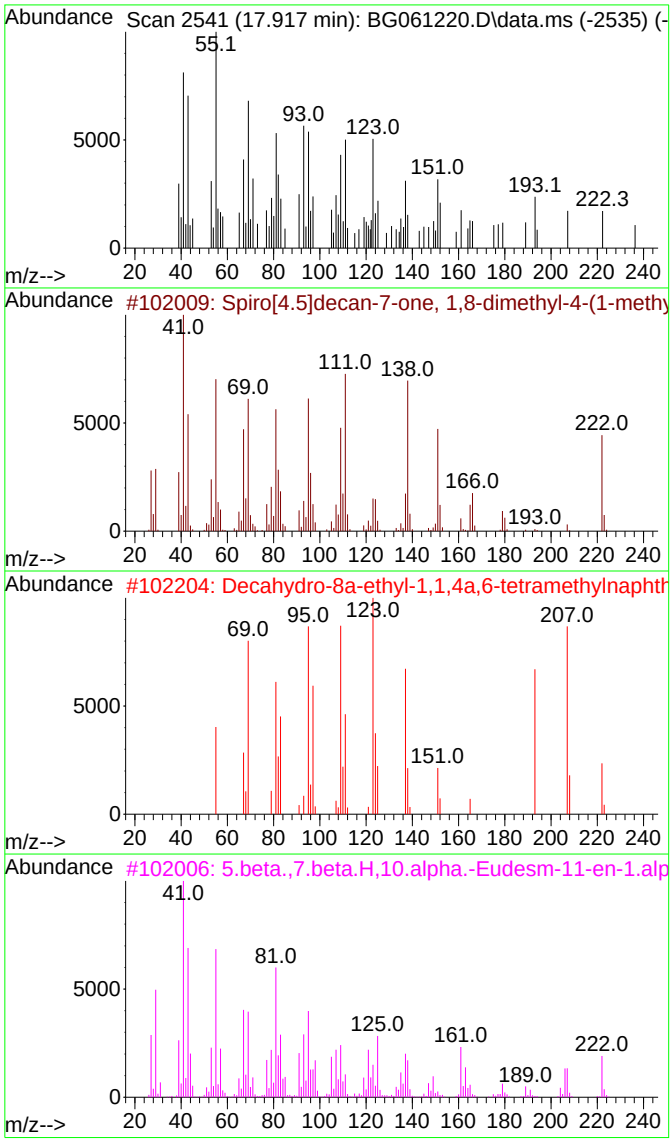
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

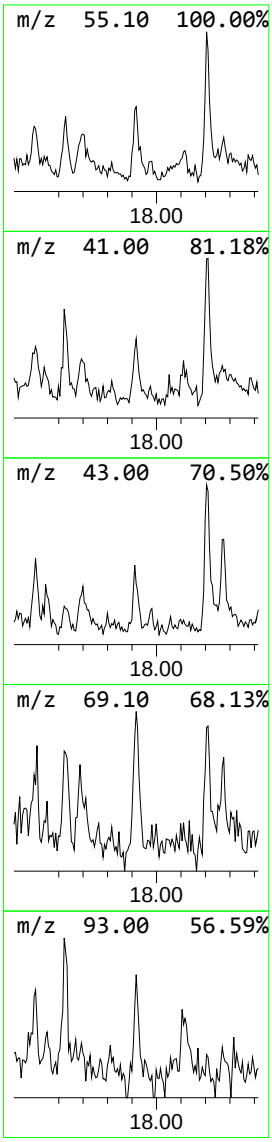
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Spiro[4.5]decan-7-one, 1,8-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.917	3.15 ng	65613	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]decan-7-one, 1,8-dimet...	222	C15H26O	039510-26-4	83
2	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	78
3	5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	53
4	(4aS,7S,7aR)-4,7-Dimethyl-5,6,7,...	166	C10H14O2	021651-62-7	41
5	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

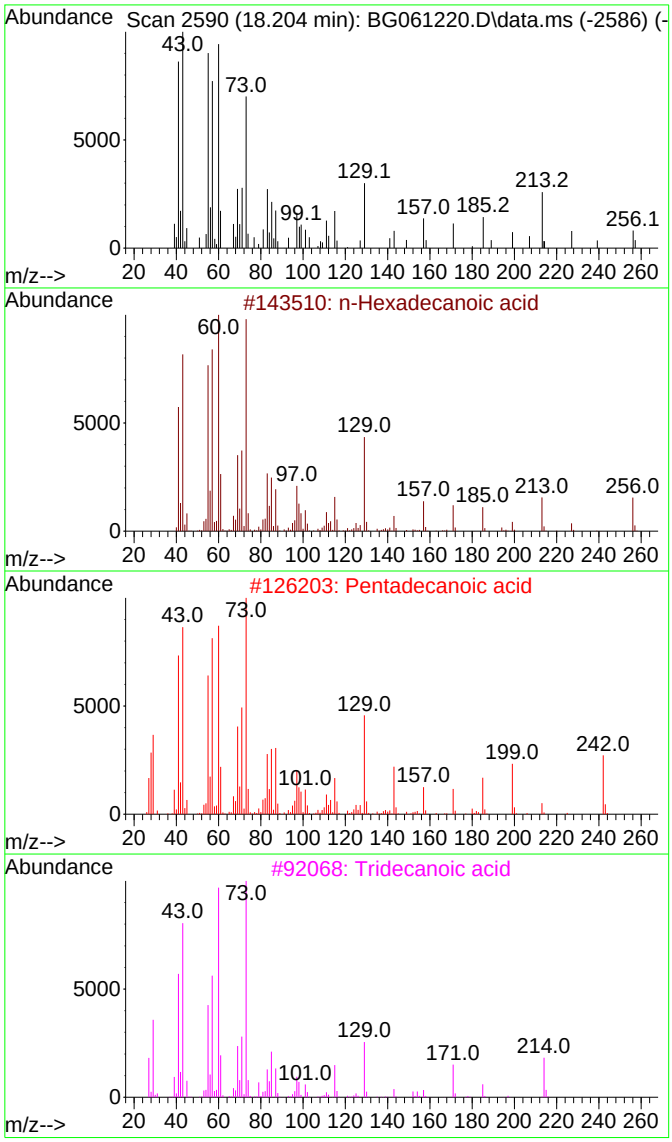
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

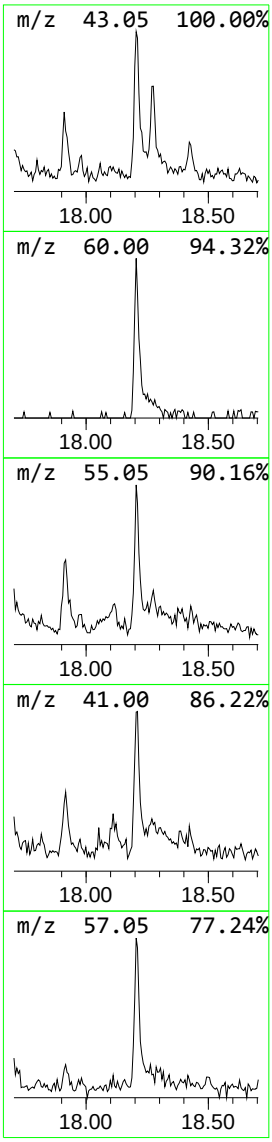
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.78 ng	78709	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

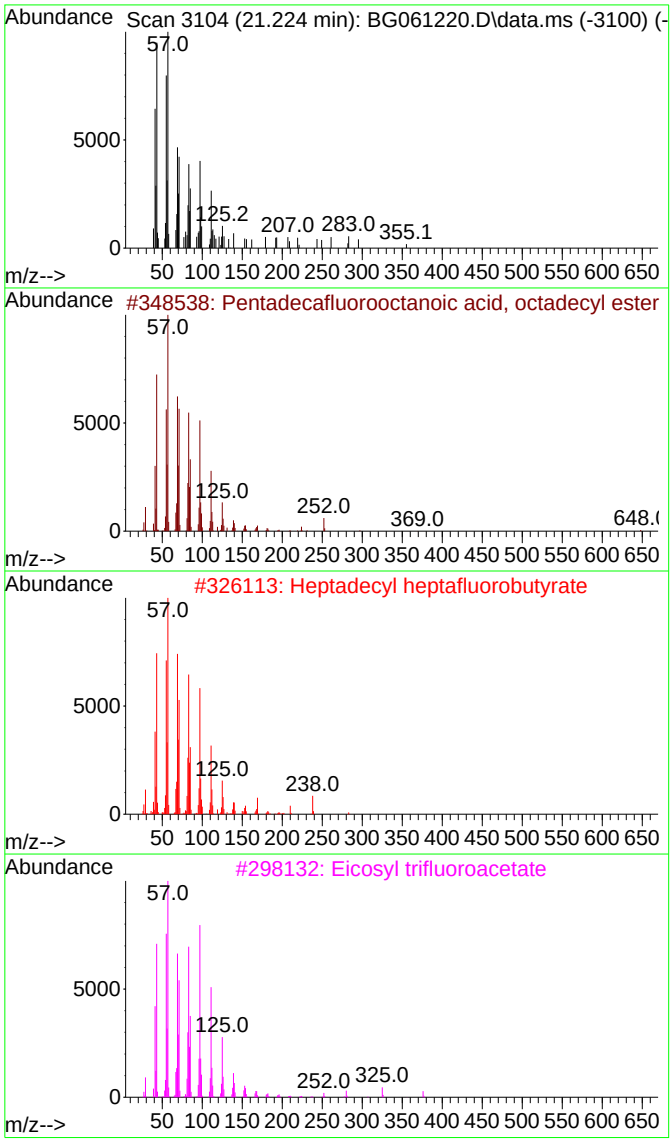
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

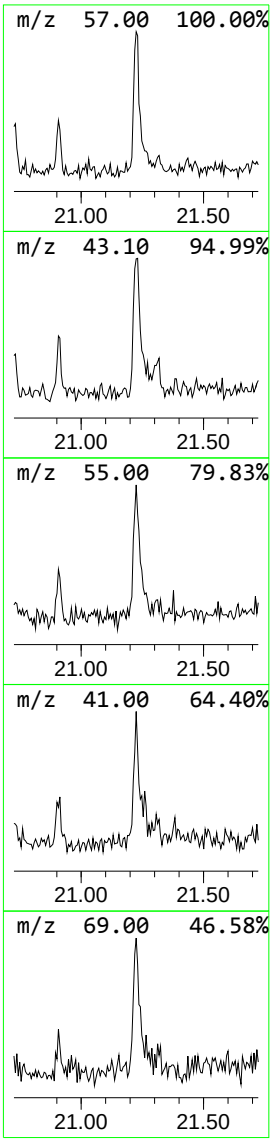
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	2.75 ng	62610	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87
4	Butyl dodecyl ether	242	C16H34O	1000406-40-3	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061220.D
Acq On : 16 May 2024 14:36
Operator : MA/JU
Sample : P2474-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-114-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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...	3.152	46.8	ng	342735	1	7.928	146553	20.0
unknown3.674	3.674	5.5	ng	40686	1	7.928	146553	20.0
unknown10.496	10.496	4.7	ng	47487	2	10.725	204236	20.0
2-Epi-.alpha.-f...	13.469	4.0	ng	64637	3	14.562	322952	20.0
1H-3a,7-Methano...	13.886	73.2	ng	1181570	3	14.562	322952	20.0
1H-3a,7-Methano...	13.986	21.8	ng	351452	3	14.562	322952	20.0
cis-Thujopsene	14.080	12.9	ng	208233	3	14.562	322952	20.0
4,7-Methanoazul...	14.303	66.4	ng	1072130	3	14.562	322952	20.0
unknown14.773	14.773	7.4	ng	119306	3	14.562	322952	20.0
Benzene, 1-meth...	14.814	46.2	ng	746575	3	14.562	322952	20.0
1H-Benzocyclohe...	15.796	36.9	ng	595860	3	14.562	322952	20.0
Cedrol	15.842	15.3	ng	246730	3	14.562	322952	20.0
4a,7-Methano-4a...	16.283	4.4	ng	90844	4	17.305	415941	20.0
1-Formyl-2,2,6-...	16.495	2.9	ng	60556	4	17.305	415941	20.0
unknown16.589	16.589	2.7	ng	56506	4	17.305	415941	20.0
S-Bioallethrin	16.806	6.5	ng	136170	4	17.305	415941	20.0
unknown17.629	17.629	3.1	ng	64559	4	17.305	415941	20.0
Spiro[4.5]decan...	17.917	3.1	ng	65613	4	17.305	415941	20.0
n-Hexadecanoic ...	18.204	3.8	ng	78709	4	17.305	415941	20.0
Pentadecafluoro...	21.224	2.8	ng	62610	5	21.565	455982	20.0