LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024838.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	368	375	406	rBV	2093539	4416959	9.40%	1.766%
2	7.646	765	775	784	rBV	545381	945534	2.01%	0.378%
3	9.381	1058	1070	1077	rBV	5945786	10013096	21.31%	4.003%
4	9.852	1139	1150	1156	rBV	1053310	1754881	3.73%	0.702%
5	10.110	1190	1194	1199	rBV	361044	567624	1.21%	0.227%
6	10.246	1211	1217	1238	rVB3	454660	1286936	2.74%	0.515%
7	10.416	1238	1246	1252	rBV2	1068527	1872370	3.98%	0.749%
8	10.822	1309	1315	1322	rVB3	300359	608831	1.30%	0.243%
9	10.969	1333	1340	1351	rBV6	388818	986509	2.10%	0.394%
10	12.075	1514	1528	1533	rBV	18308711	37073606	78.90%	14.823%
11	12.681	1625	1631	1635	rBV	370331	636139	1.35%	0.254%
12	12.781	1643	1648	1655	rVB4	243022	531278	1.13%	0.212%
13	12.893	1662	1667	1670	rBV	314893	490561	1.04%	0.196%
14	12.934	1670	1674	1682	rVB	1498505	2002434	4.26%	0.801%
15	13.057	1690	1695	1698	rBV	446885	675772	1.44%	0.270%
16	13.322	1732	1740	1746	rVB	731298	1337834	2.85%	0.535%
17	13.569	1777	1782	1786	rBV	380911	610771	1.30%	0.244%
18	14.187	1881	1887	1891	rBV2	1001312	1652445	3.52%	0.661%
19	14.228	1891	1894	1898	rVV	565321	701099	1.49%	0.280%
20	14.281	1898	1903	1912	rVB2	1164185	2067526	4.40%	0.827%
21	14.675	1966	1970	1977	rVB	359412	583041	1.24%	0.233%
22	14.998	2020	2025	2028	rBV	305971	577499	1.23%	0.231%
23	15.040	2028	2032	2034	rVV4	399236	740663	1.58%	0.296%
24	15.110	2036	2044	2048	rVV	9448309	13856683	29.49%	5.540%
25	15.151	2048	2051	2056	rVV	851787	1014400	2.16%	0.406%
26	15.228	2058	2064	2070	rVB	534799	860340	1.83%	0.344%
27	15.563	2116	2121	2132	rVB3	410724	868865	1.85%	0.347%
28	15.881	2170	2175	2180	rBV	571078	802885	1.71%	0.321%
29	16.034	2197	2201	2204	rBV	669282	931443	1.98%	0.372%
30	16.457	2269	2273	2278	rVB	1137904	1293624	2.75%	0.517%
31	16.839	2334	2338	2342	rVB	685232	852416	1.81%	0.341%
32	16.898	2343	2348	2359	rVB3	428675	883227	1.88%	0.353%
33	17.081	2374	2379	2387	rBV2	1388454	2100839	4.47%	0.840%
34	17.157	2388	2392	2400	rVV	786454	1070079	2.28%	0.428%
35	17.363	2423	2427	2431	rBV	1429482	1939968	4.13%	0.776%
36	17.504	2447	2451	2458	rVB2	402547	772110	1.64%	0.309%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.604	2465	2468	2473	rVB	648543	719042	1.53%	0.287%
38	17.675	2477	2480	2490	rVB	506605	993137	2.11%	0.397%
39	17.781	2495	2498	2502	rVB	434856	542085	1.15%	0.217%
40	17.875	2509	2514	2515	rBV	693945	909655	1.94%	0.364%
41	17.898	2515	2518	2522	rVB	740842	990239	2.11%	0.396%
42	18.022	2534	2539	2544	rBV2	953331	1479186	3.15%	0.591%
43	18.251	2573	2578	2584	rVB	4109814	5607190	11.93%	2.242%
44	18.316	2585	2589	2595	rBV	669685	944204	2.01%	0.378%
45	18.534	2623	2626	2629	rBV	515088	543293	1.16%	0.217%
46	18.886	2682	2686	2689	rBV	1052858	1275686	2.72%	0.510%
47	18.975	2696	2701	2705	rBV6	1086588	2067482	4.40%	0.827%
48	19.192	2733	2738	2742	rBV	2271546	4051991	8.62%	1.620%
49	19.239	2742	2746	2753	rVB	3531739	6219134	13.24%	2.487%
50	19.463	2781	2784	2791	rVB	807365	1318960	2.81%	0.527%
51	19.604	2800	2808	2812	rBV	26366037	46986255	100.00%	18.786%
52	19.716	2824	2827	2832	rBV2	907153	1287868	2.74%	0.515%
53	20.022	2876	2879	2882	rVB	576142	591133	1.26%	0.236%
54	20.275	2915	2922	2927	rBV	8667928	12651233	26.93%	5.058%
55	20.351	2932	2935	2942	rVB	3612749	4996166	10.63%	1.998%
56	20.545	2964	2968	2972	rVB2	2192458	3058839	6.51%	1.223%
57	20.622	2977	2981	2985	rBV2	1345203	1936324	4.12%	0.774%
58	20.792	3008	3010	3015	rVB	962541	1305040	2.78%	0.522%
59	21.527	3131	3135	3138	rBV2	1512421	2795108	5.95%	1.118%
60	21.974	3207	3211	3212	rBV2	3438920	4905978	10.44%	1.962%
61	22.092	3221	3231	3232	rBV	6875074	18290510	38.93%	7.313%
62	24.892	3699	3707	3721	rVB2	4514374	13661526	29.08%	5.462%
63	27.204	4097	4100	4102	rBV2	739053	1022935	2.18%	0.409%
64	28.821	4373	4375	4378	rBV2	642257	738593	1.57%	0.295%
65	29.645	4509	4515	4522	rVB	2032773	4141168	8.81%	1.656%
66	29.874	4547	4554	4555	rBV	1365100	2818498	6.00%	1.127%
67	30.392	4640	4642	4645	rBV	711945	985821	2.10%	0.394%
68	30.603	4676	4678	4681	rBV2	679215	897373	1.91%	0.359%

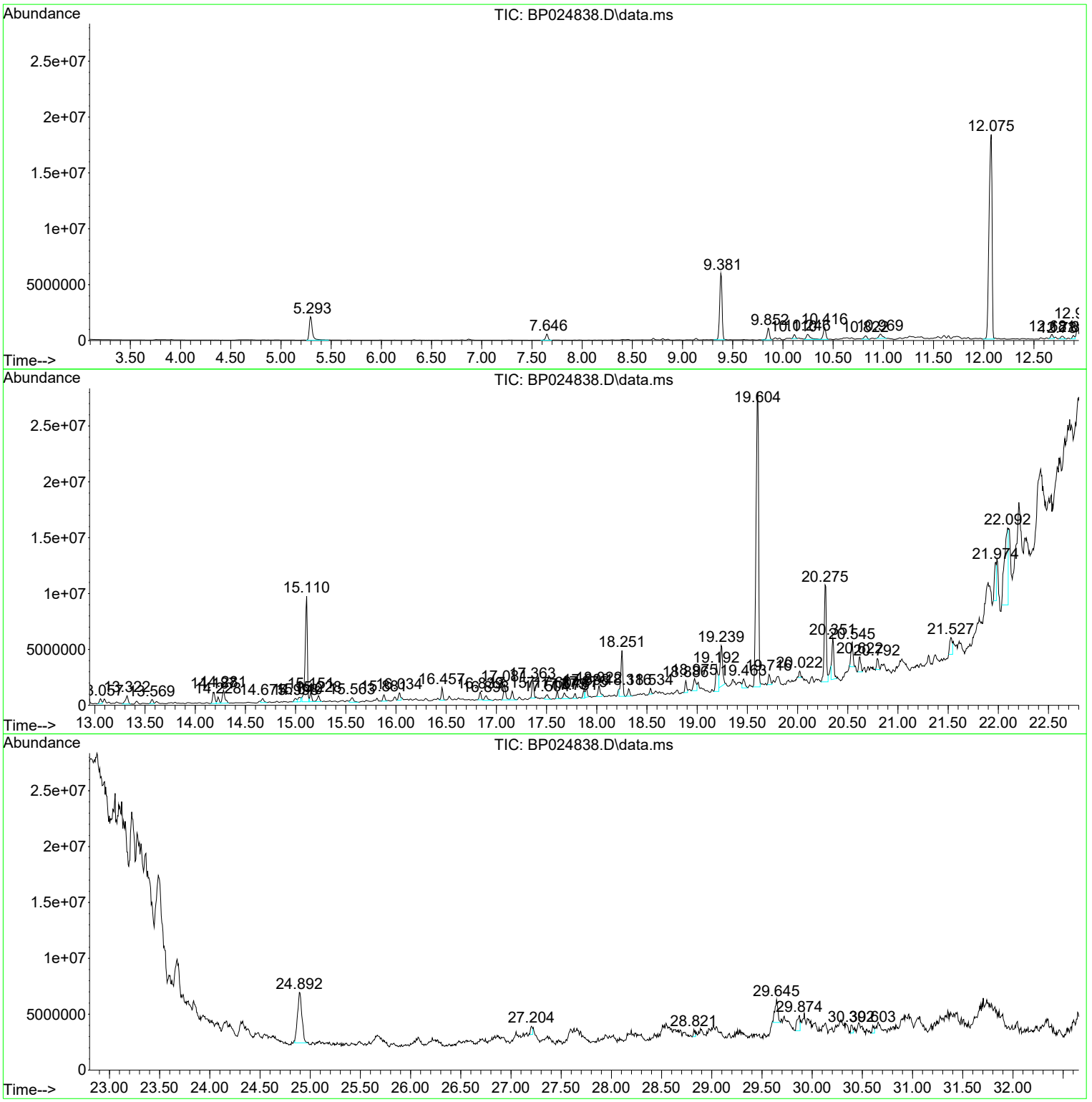
Sum of corrected areas: 250111939

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

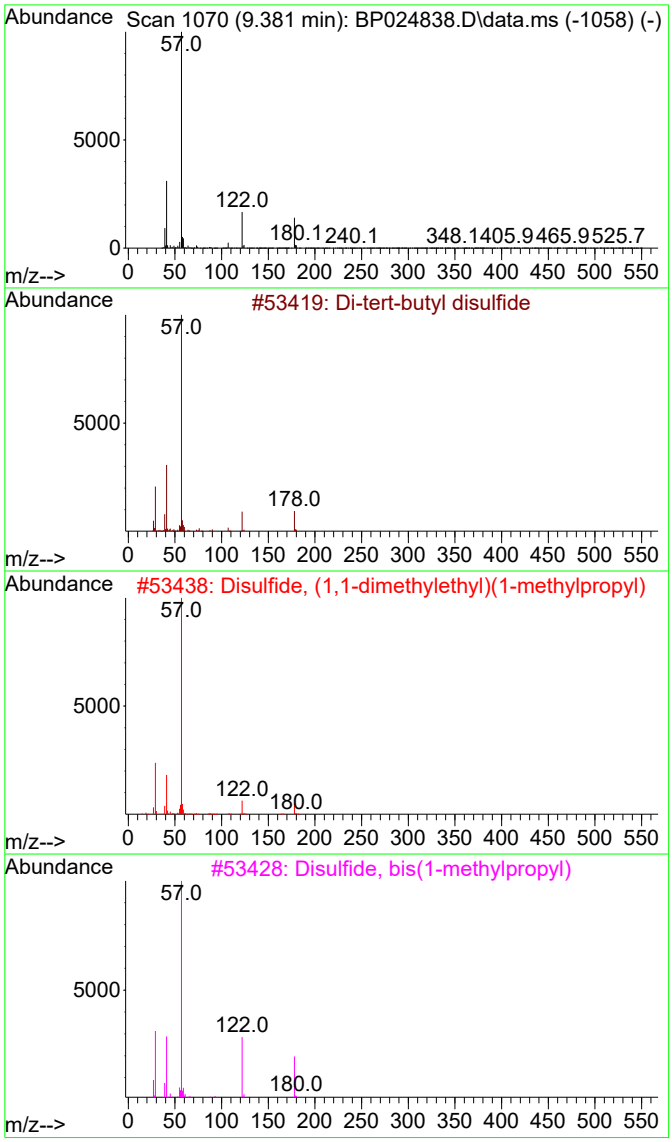
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

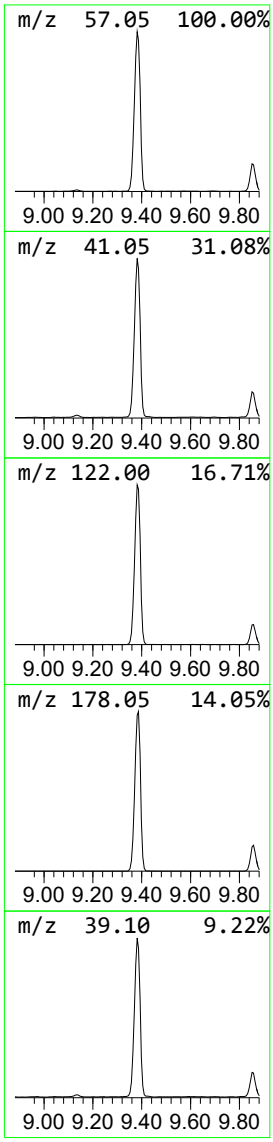
****

Peak Number 1 Di-tert-butyl disulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	106.96 ng	10013100	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	72
2	Disulfide, (1,1-dimethylethyl)(1...	178	C8H18S2	072437-46-8	64
3	Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	64
4	Disulfide, dibutyl	178	C8H18S2	000629-45-8	64
5	Disulfide, bis(2-methylpropyl)	178	C8H18S2	001518-72-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

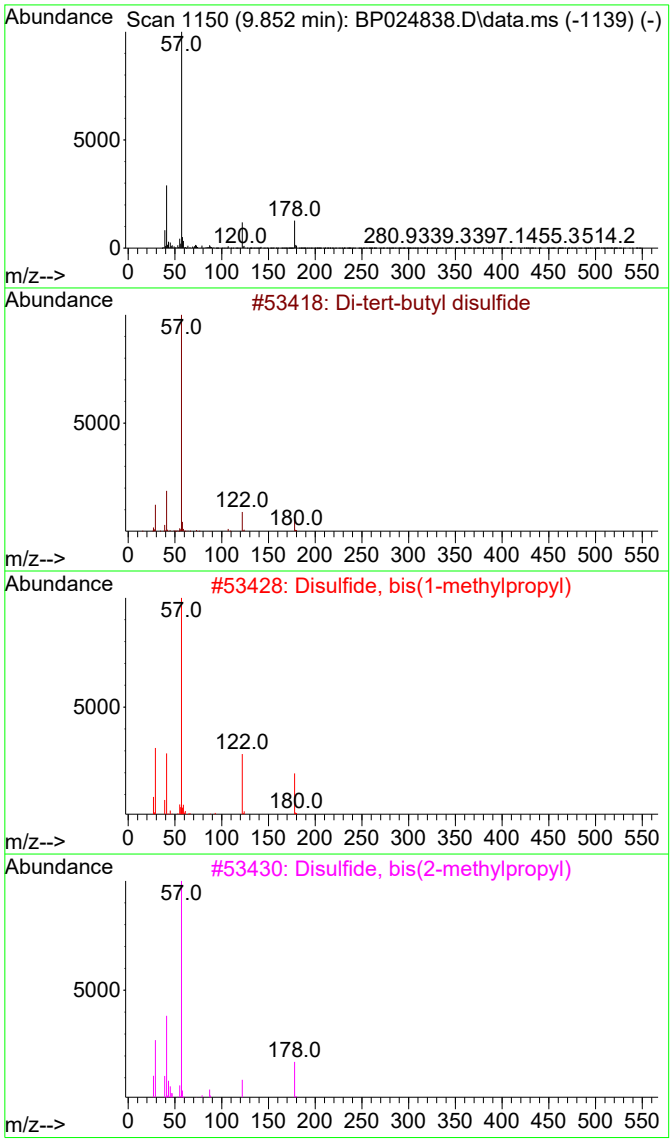
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

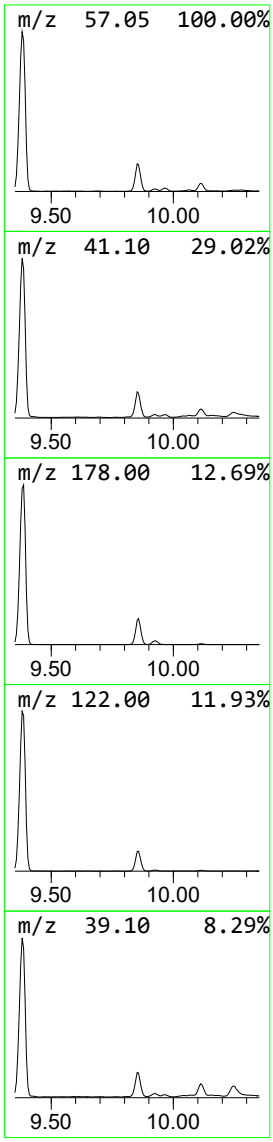
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Disulfide, bis(1-methylpropyl) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.852	18.75 ng	1754880	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	80
2	Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	72
3	Disulfide, bis(2-methylpropyl)	178	C8H18S2	001518-72-5	64
4	Disulfide, dibutyl	178	C8H18S2	000629-45-8	58
5	Disulfide, (1,1-dimethylethyl)(1...	178	C8H18S2	072437-46-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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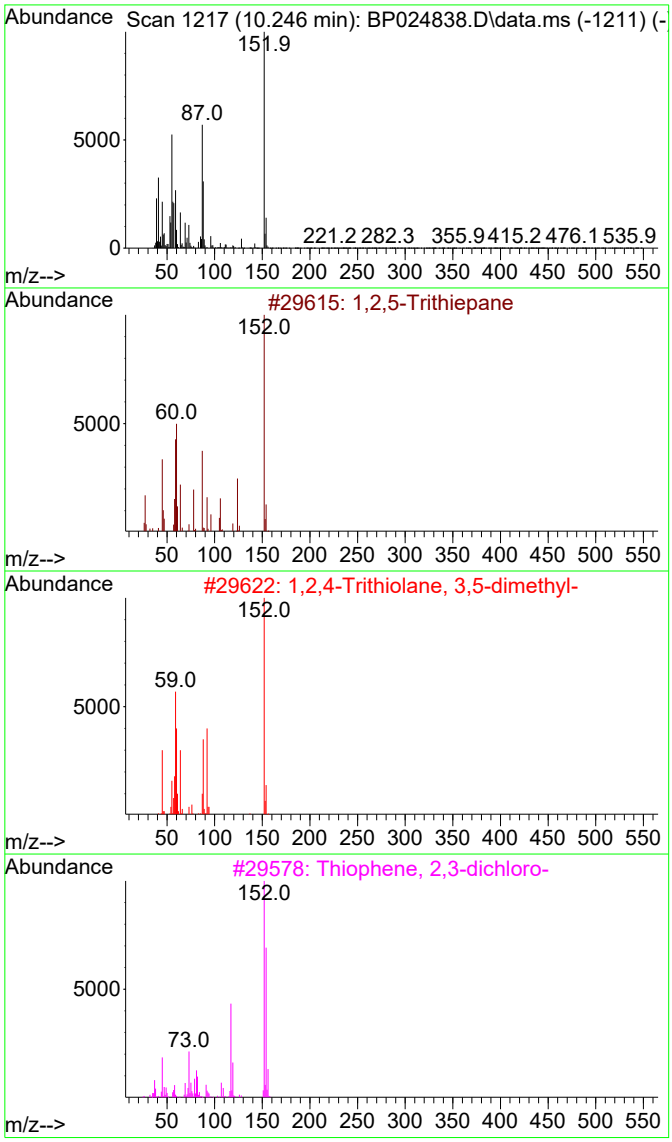
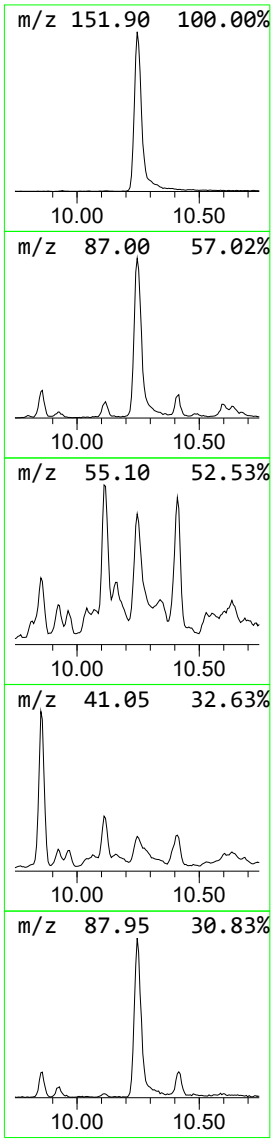
Peak Number 3 1,2,5-Trithiepane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.246	13.75 ng	1286940	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	50
2	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	38
3	Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	25
4	Tisopurine	152	C5H4N4S	005334-23-6	16
5	2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

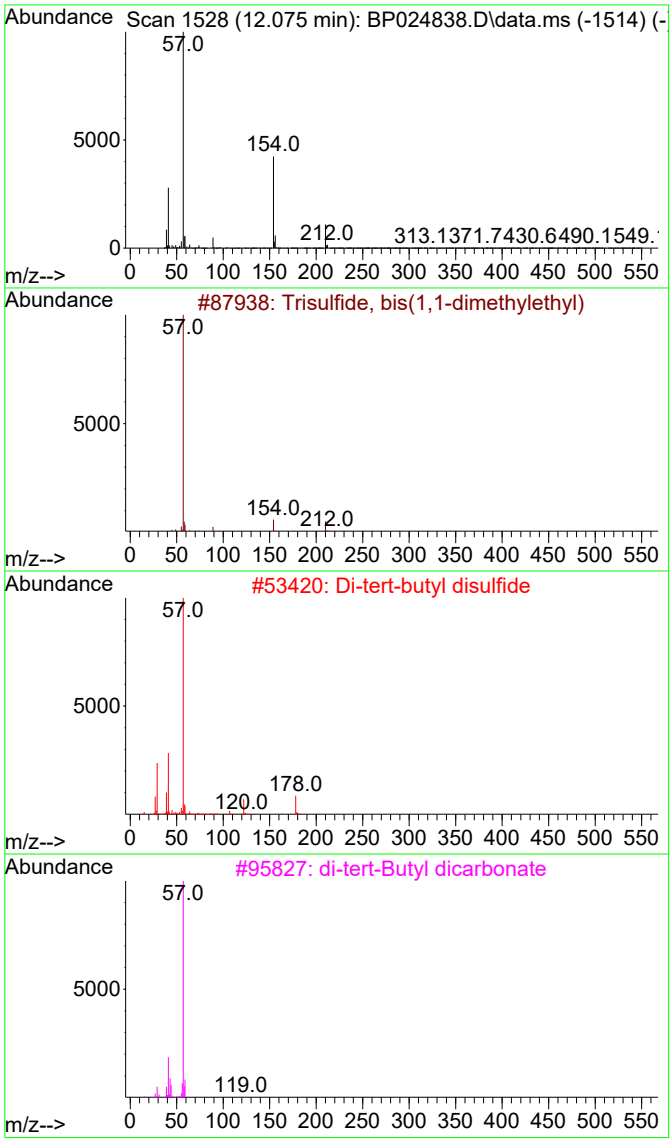
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

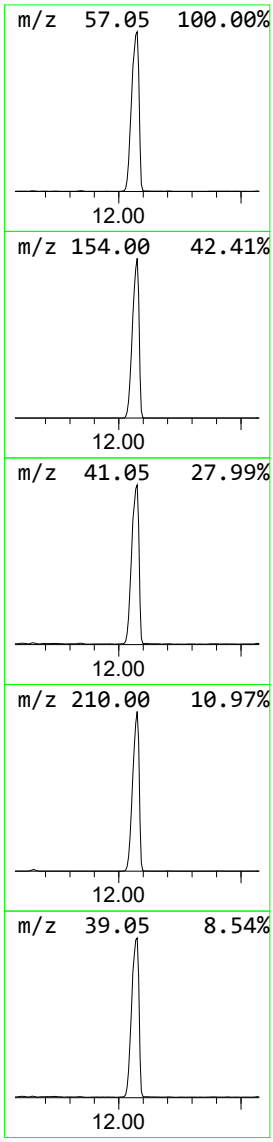
****

Peak Number 4 unknown12.075 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	396.01 ng	37073600	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	43
2	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	10
3	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
4	Isobutyl ether	130	C8H18O	000628-55-7	9
5	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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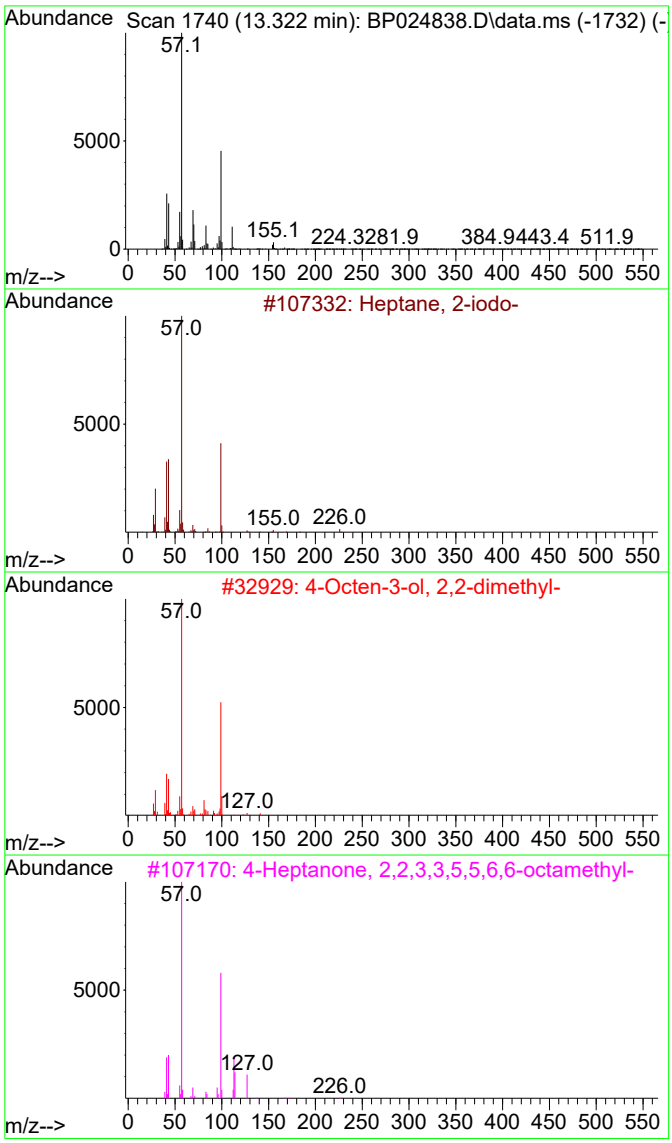
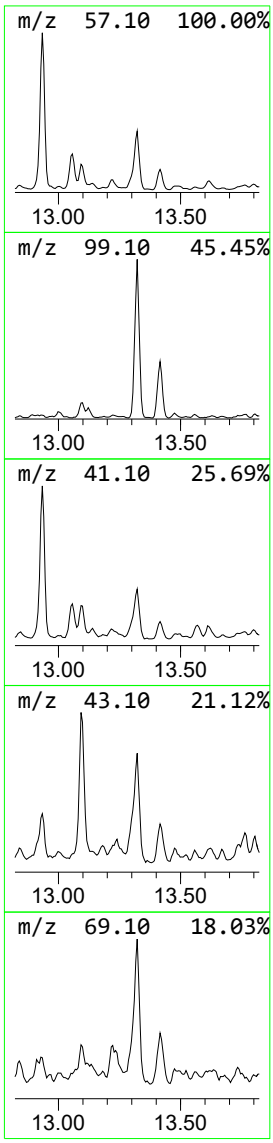
Peak Number 5 unknown13.322 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	12.94 ng	1337830	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-iodo-	226	C7H15I	018589-29-2	43
2	4-Octen-3-ol, 2,2-dimethyl-	156	C10H20O	053960-44-4	40
3	4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	37
4	Diethylmalonic acid, monochlorid...	290	C15H27ClO3	1010369-49-2	36
5	2-Butanol, 3-(1,3,3-trimethylbut...	188	C11H24O2	074810-44-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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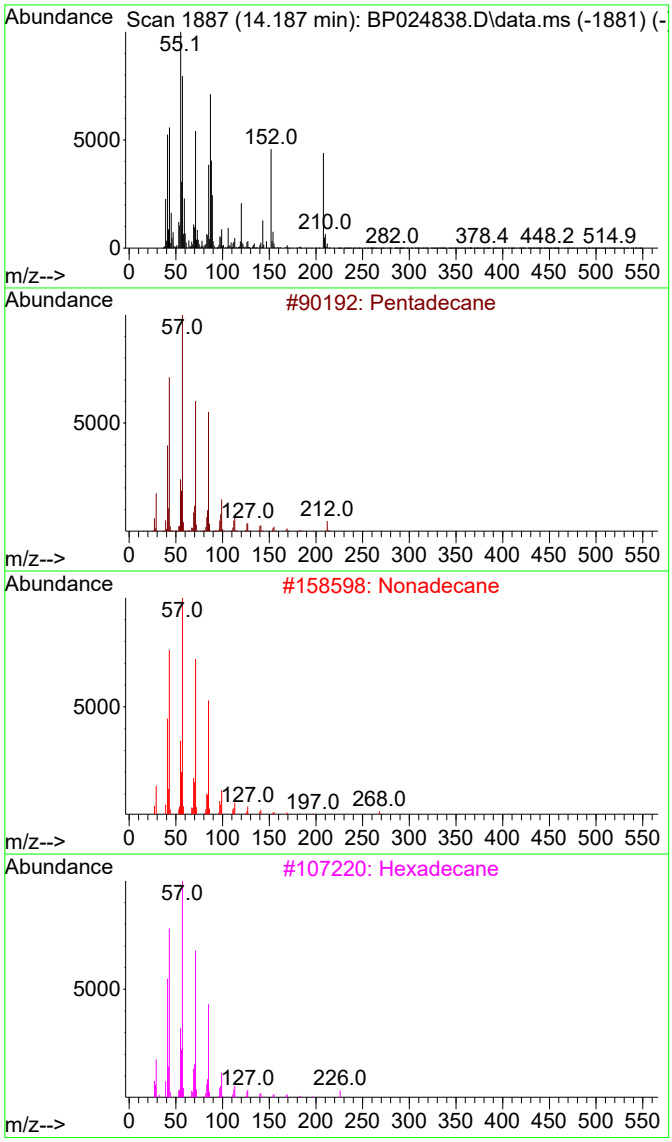
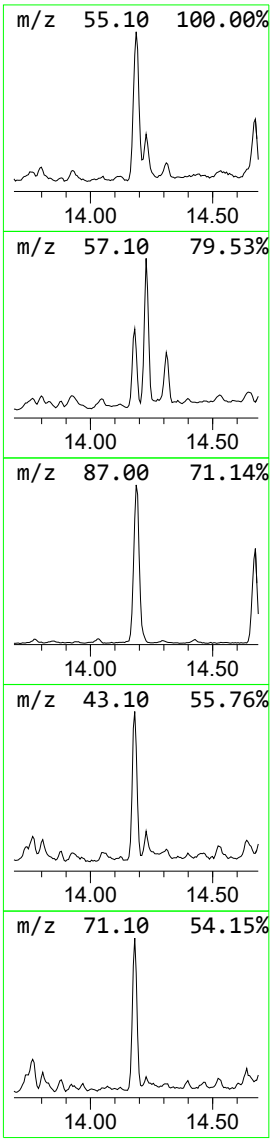
Peak Number 6 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.187	15.98 ng	1652450	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Nonadecane	268	C19H40	000629-92-5	25
3	Hexadecane	226	C16H34	000544-76-3	25
4	Tetradecane	198	C14H30	000629-59-4	15
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

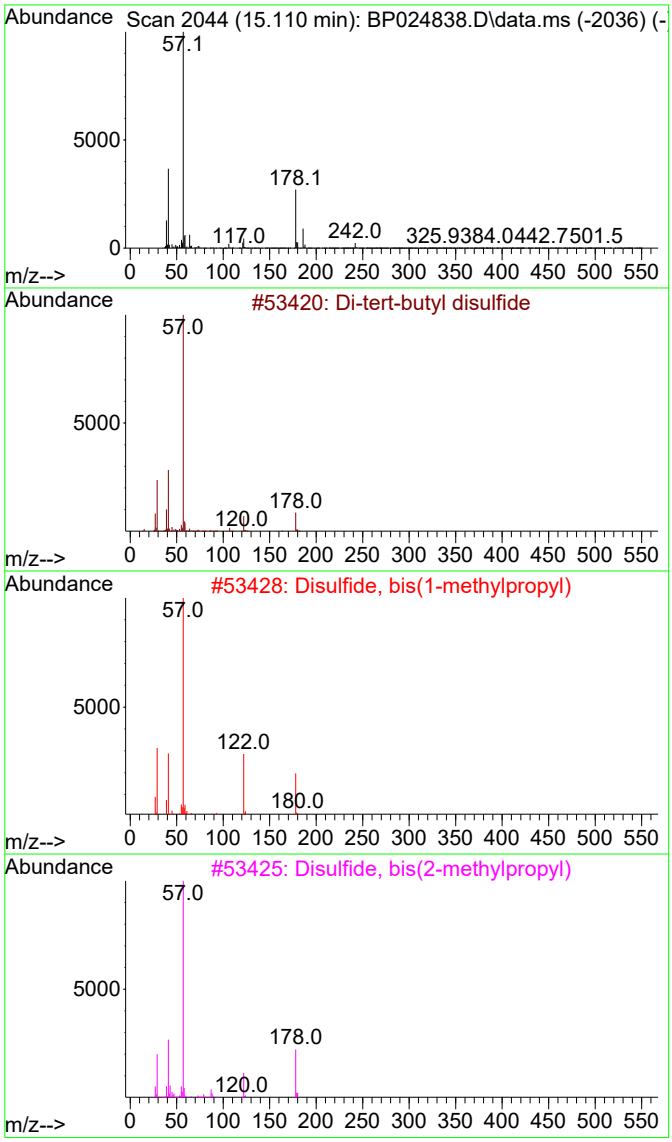
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

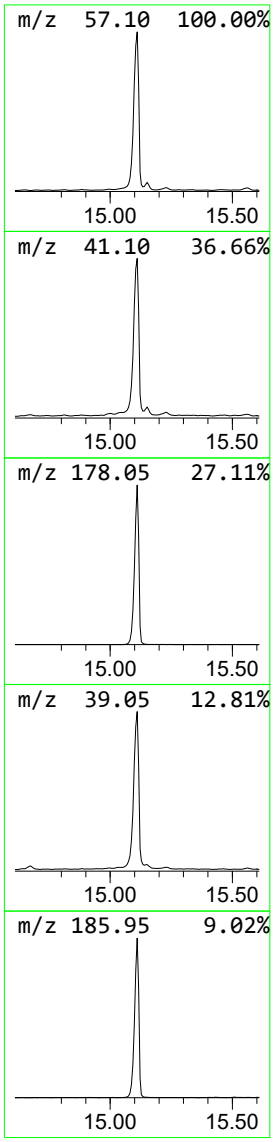
****

Peak Number 7 unknown15.110 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	134.04 ng	13856700	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	49
2	Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	40
3	Disulfide, bis(2-methylpropyl)	178	C8H18S2	001518-72-5	38
4	Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	22
5	Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	10





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Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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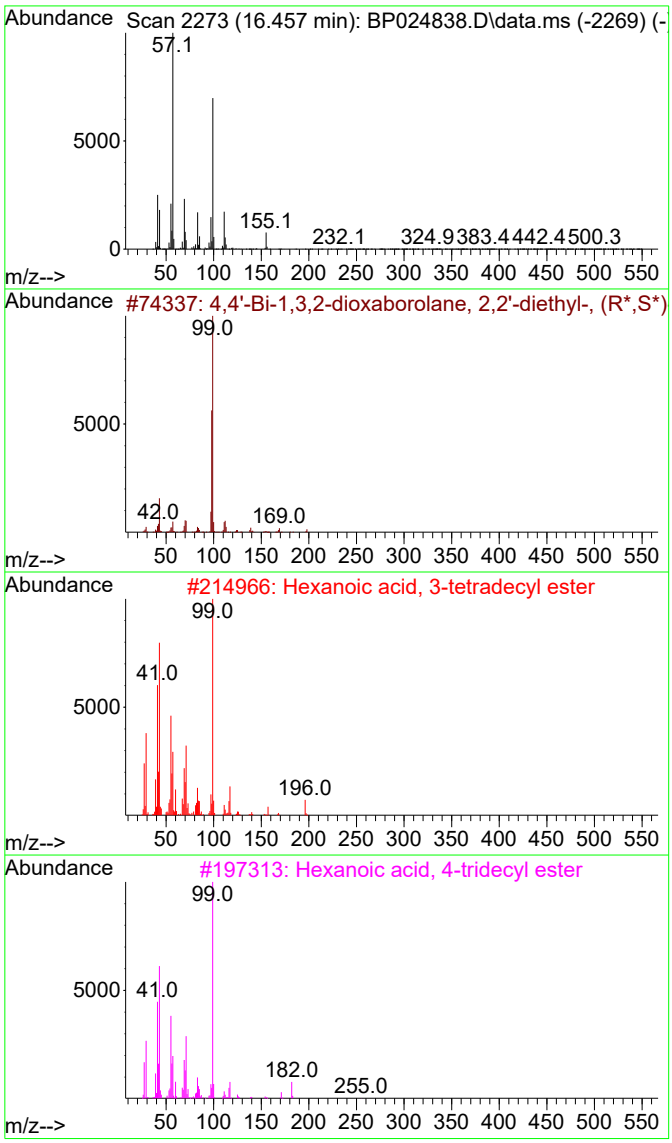
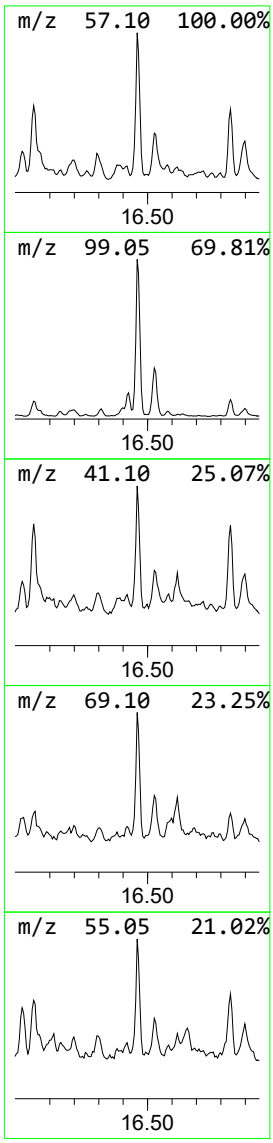
Peak Number 8 unknown16.457 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	12.32 ng	1293620	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	43
2	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1010279-29-7	43
3	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	43
4	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	43
5	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	42





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Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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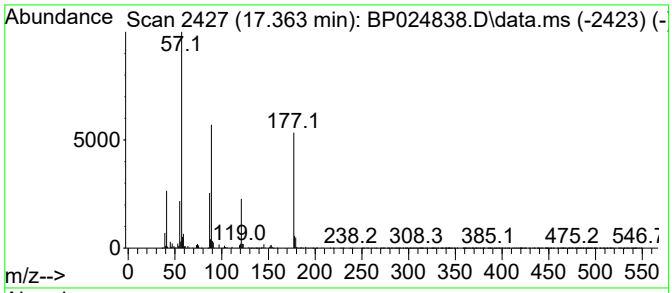
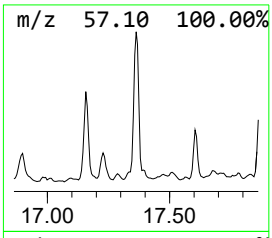
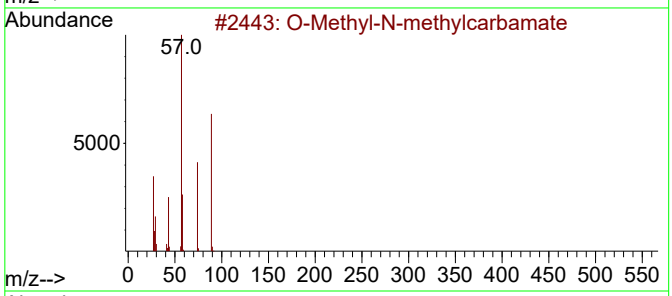
Peak Number 9 unknown17.363 Concentration Rank 14

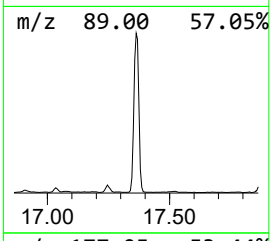
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.363	18.47 ng	1939970	Phenanthrene-d10	17.081

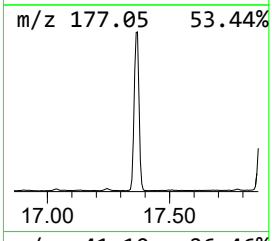
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Methyl-N-methylcarbamate	89	C3H7NO2	006642-30-4	16
2	Ethane, 1,1-bis(ethylthio)-	150	C6H14S2	014252-42-7	10
3	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	10
4	6-Chloro-1H-indazole-3-carbonitrile	177	C8H4ClN3	885278-30-8	10
5	Trithiocyanuric acid	177	C3H3N3S3	000638-16-4	10

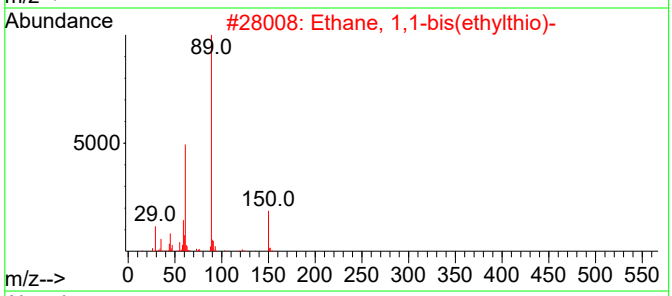


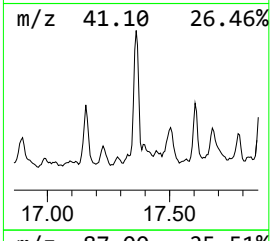


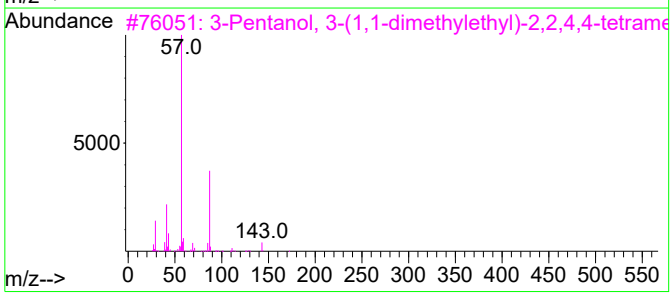


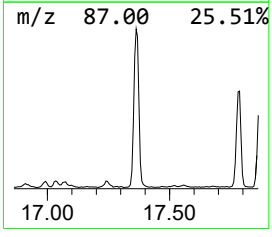












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Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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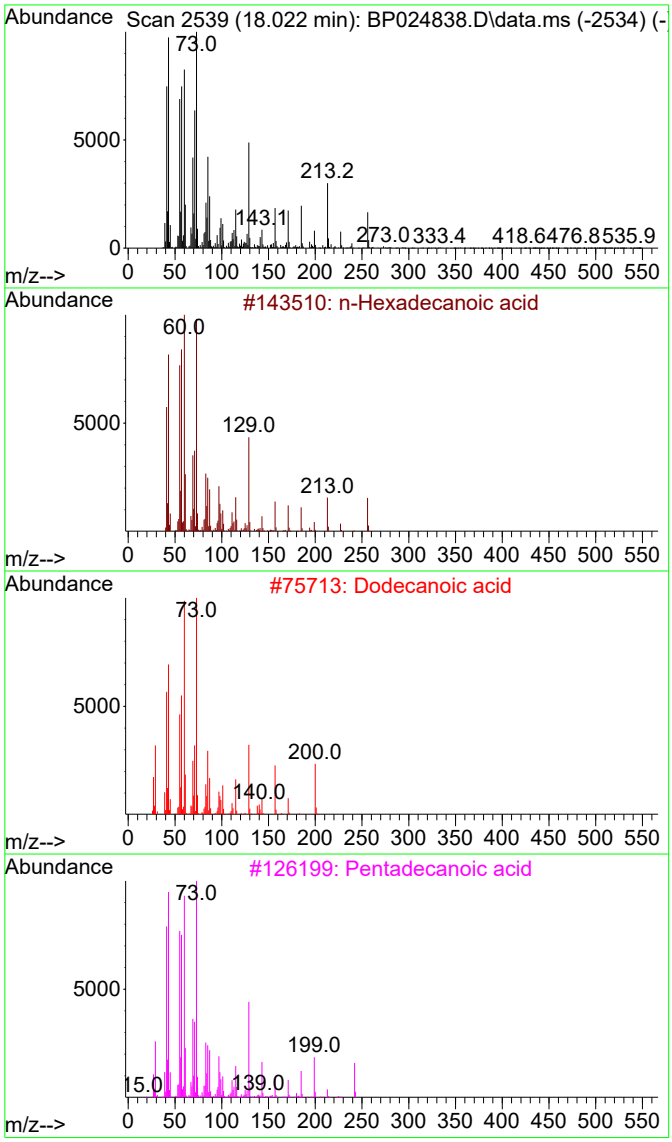
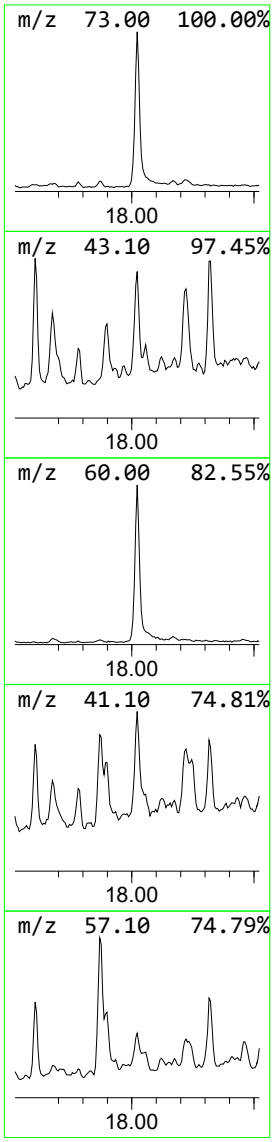
Peak Number 10 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	14.08 ng	1479190	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Dodecanoic acid	200	C12H24O2	000143-07-7	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Acq On : 29 May 2025 21:10
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

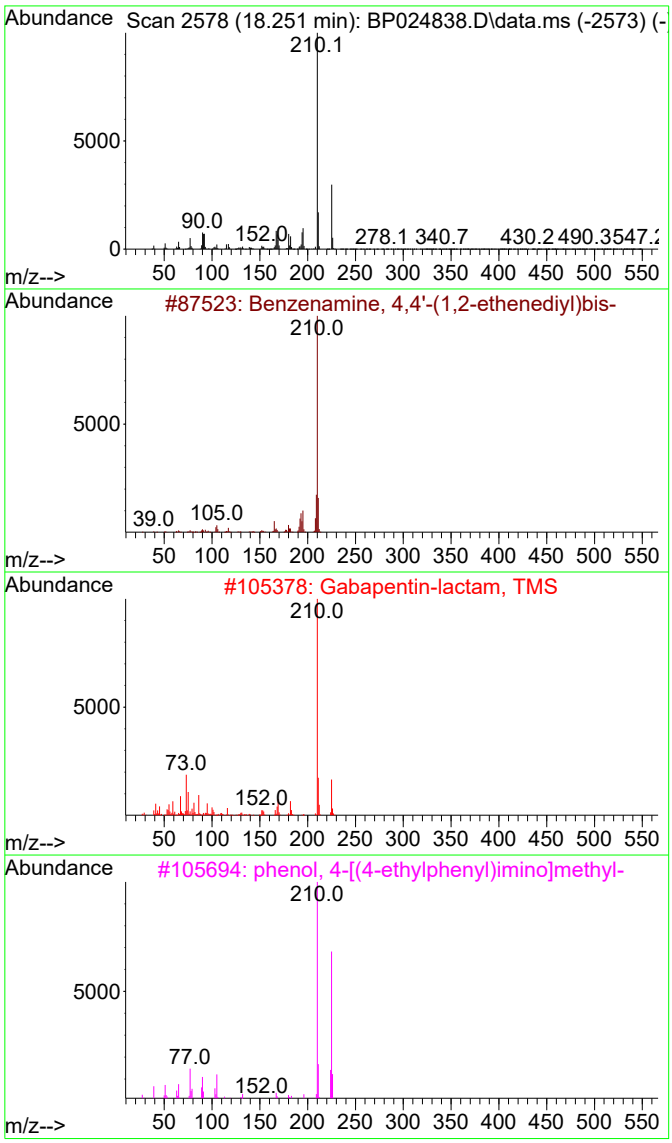
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

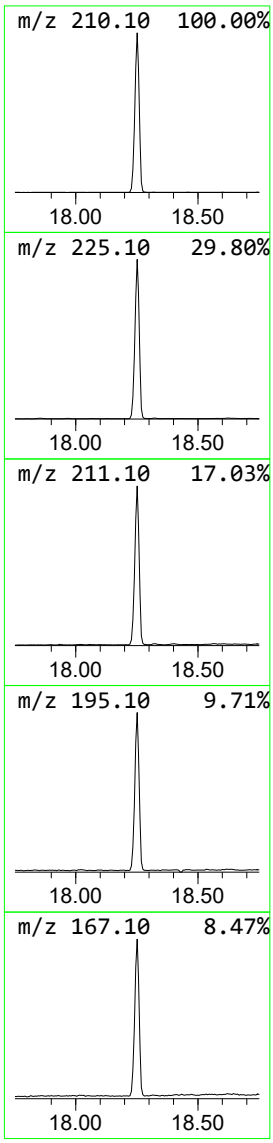
****

Peak Number 11 Benzenamine, 4,4'-(1,2-ethe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	53.38 ng	5607190	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-(1,2-ethenediy...	210	C14H14N2	000621-96-5	64
2	Gabapentin-lactam, TMS	225	C12H23NOSi	1000466-01-1	64
3	phenol, 4-[(4-ethylphenyl)imino]...	225	C15H15NO	1000396-31-6	64
4	Phenazine-2,3-diamine	210	C12H10N4	076190-35-7	53
5	1-Methylphenazine 5-oxide	210	C13H10N2O	014202-95-0	53





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Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

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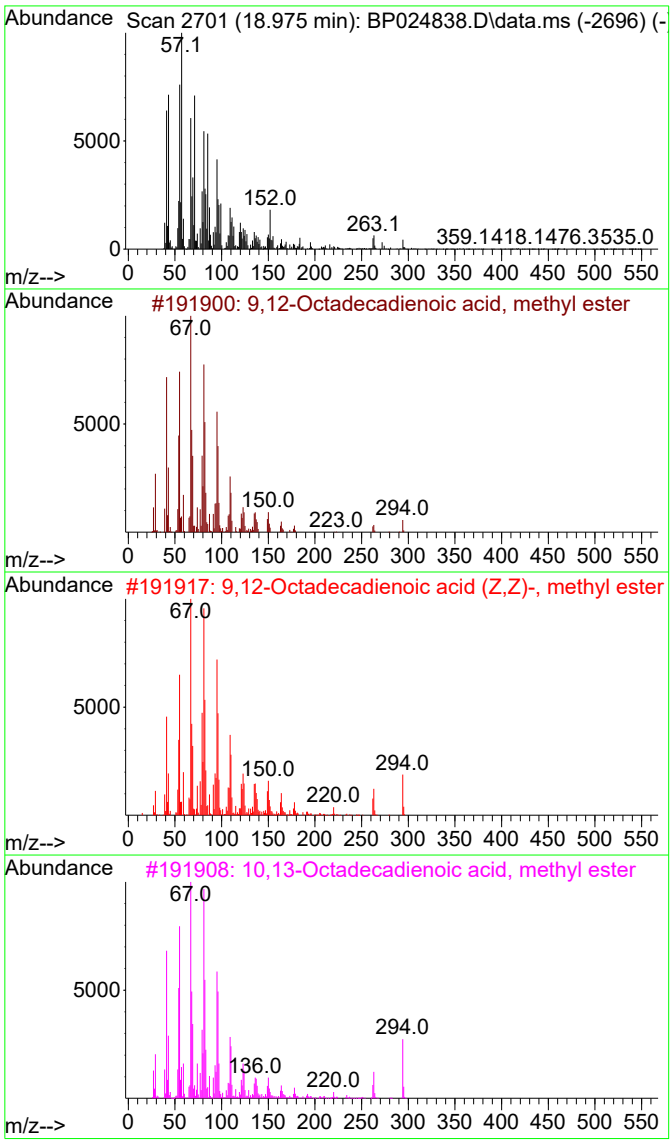
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

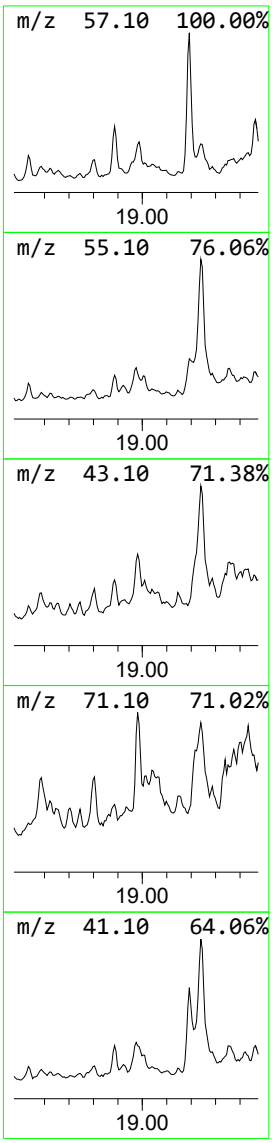
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.975	19.68 ng	2067480	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	96
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	94
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	89





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Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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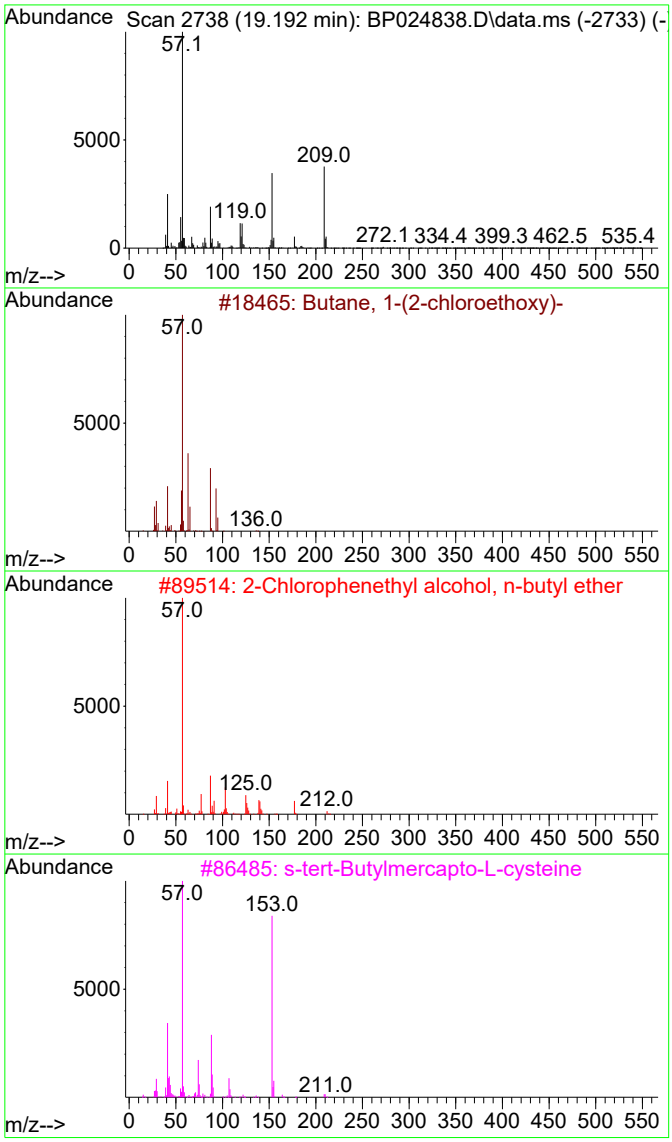
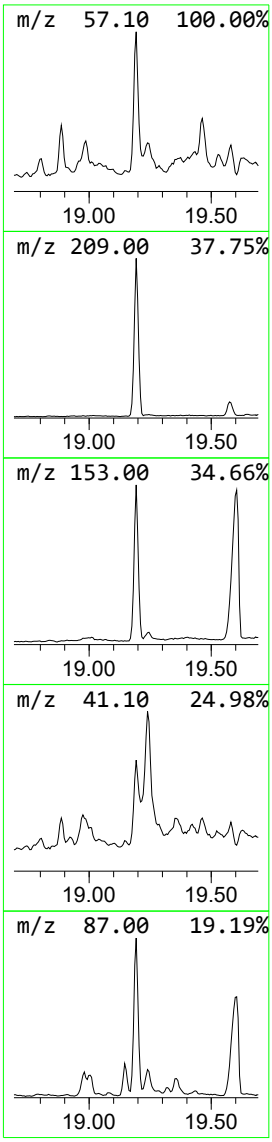
Peak Number 13 unknown19.192 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	38.58 ng	4051990	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-(2-chloroethoxy)-	136	C6H13ClO	010503-96-5	9
2	2-Chlorophenethyl alcohol, n-but...	212	C12H17ClO	1010394-82-0	9
3	s-tert-Butylmercapto-L-cysteine	209	C7H15NO2S2	030044-51-0	9
4	n-Butyl ether	130	C8H18O	000142-96-1	9
5	1-Butoxy-3-chloro-2-propanol	166	C7H15ClO2	016224-33-2	9





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Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0151

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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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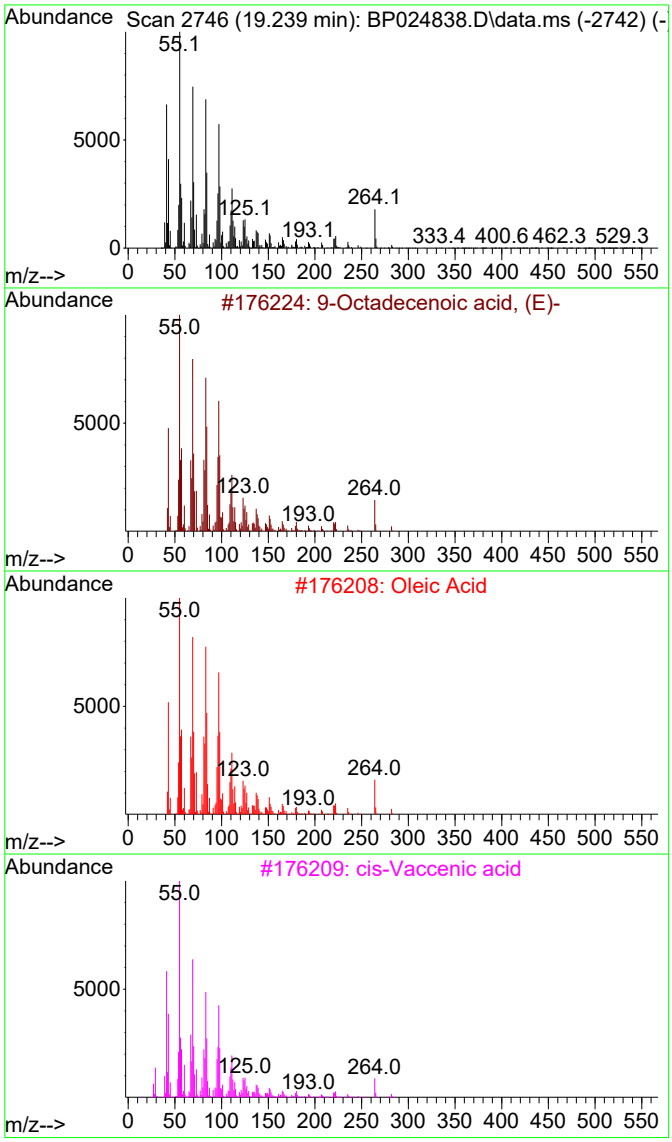
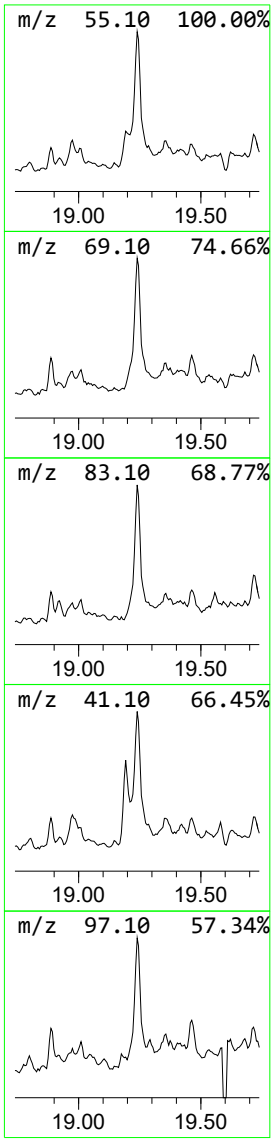
Peak Number 14 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	59.21 ng	6219130	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	Oleic Acid	282	C18H34O2	000112-80-1	96
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	78
4	Z-7-Pentadecenol	226	C15H30O	1010130-76-6	64
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	60





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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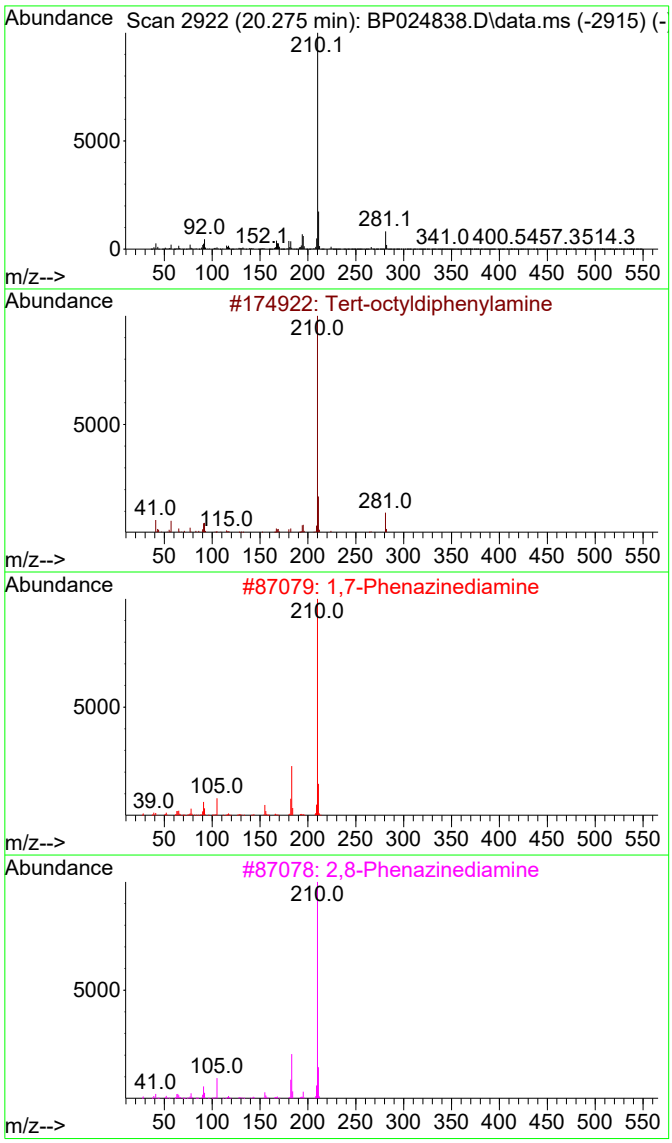
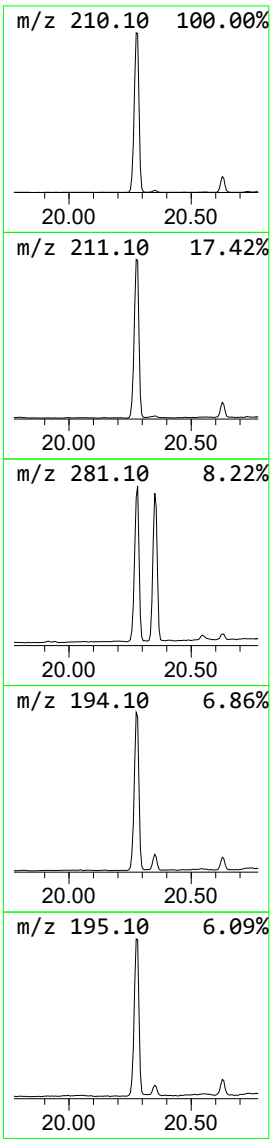
Peak Number 15 Tert-octyldiphenylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	90.52 ng	12651200	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tert-octyldiphenylamine	281	C20H27N	1000370-31-3	96
2	1,7-Phenazinediamine	210	C12H10N4	028124-29-0	80
3	2,8-Phenazinediamine	210	C12H10N4	007704-40-7	80
4	Benzenamine, 4-(2-benzoxazolyl)-	210	C13H10N2O	020934-81-0	72
5	Phenazine-2,3-diamine	210	C12H10N4	076190-35-7	72





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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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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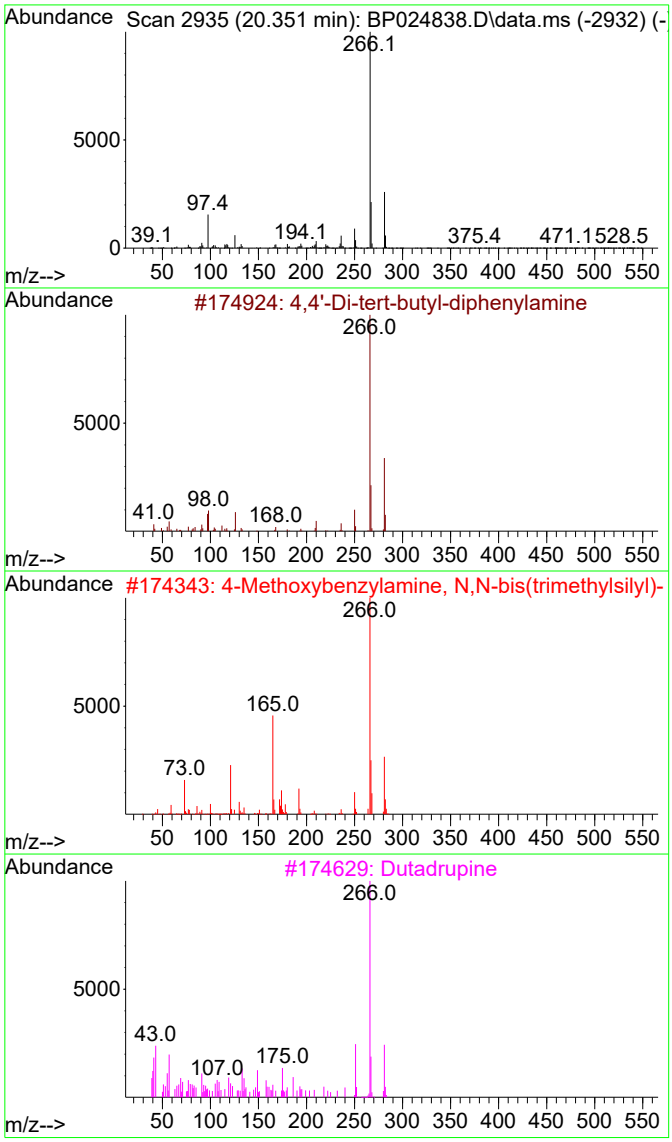
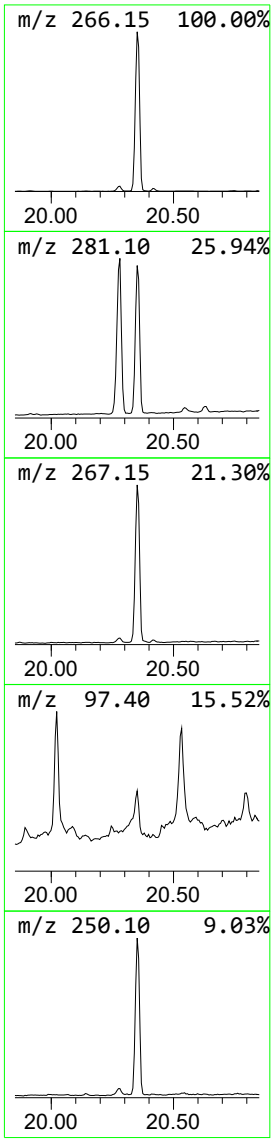
Peak Number 16 4,4'-Di-tert-butyl-diphenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	35.75 ng	4996170	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Di-tert-butyl-diphenylamine	281	C20H27N	1000370-31-1	90
2	4-Methoxybenzylamine, N,N-bis(tr...	281	C14H27NOSi2	103560-20-9	87
3	Dutadrupine	281	C17H15NO3	080151-78-6	64
4	2-Chloro-1-(8-methoxy-2,2,4-trim...	281	C15H20ClNO2	1000410-77-1	64
5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50





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Misc :
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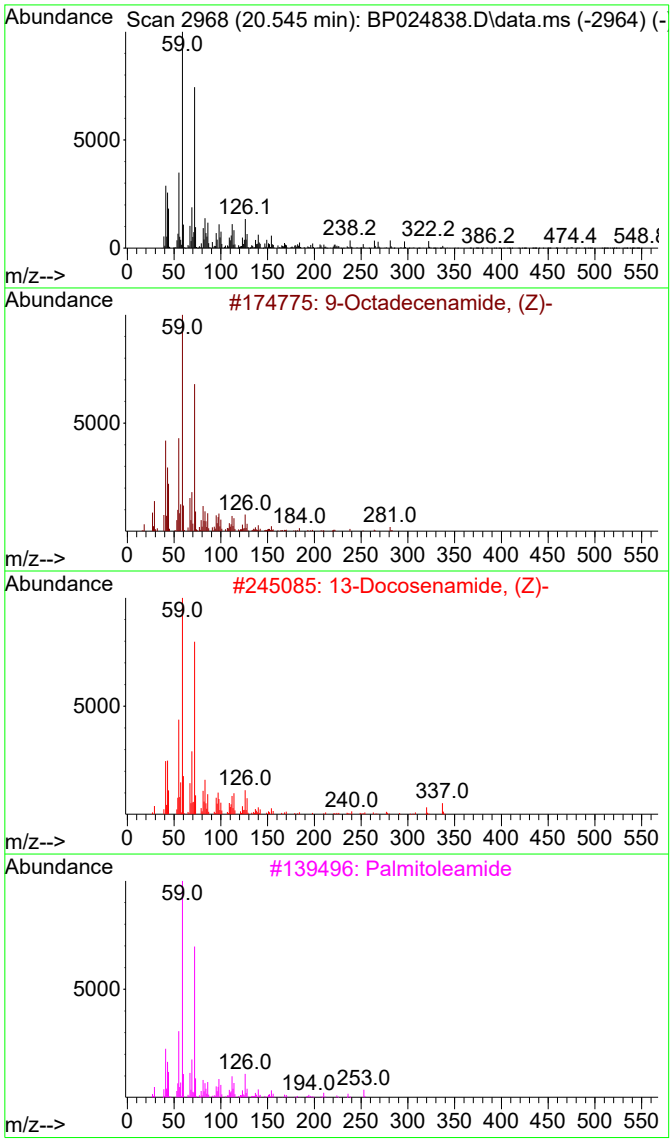
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

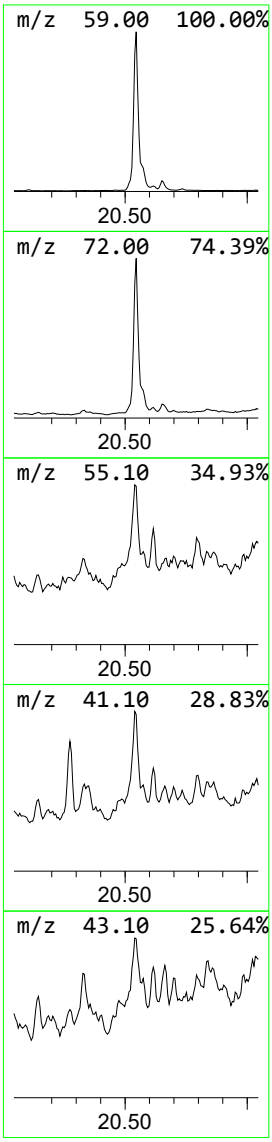
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.545	21.89 ng	3058840	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	Palmitoleamide	253	C16H31NO	106010-22-4	80
4	9-Octadecenamide	281	C18H35NO	003322-62-1	49
5	Tetradecanamide	227	C14H29NO	000638-58-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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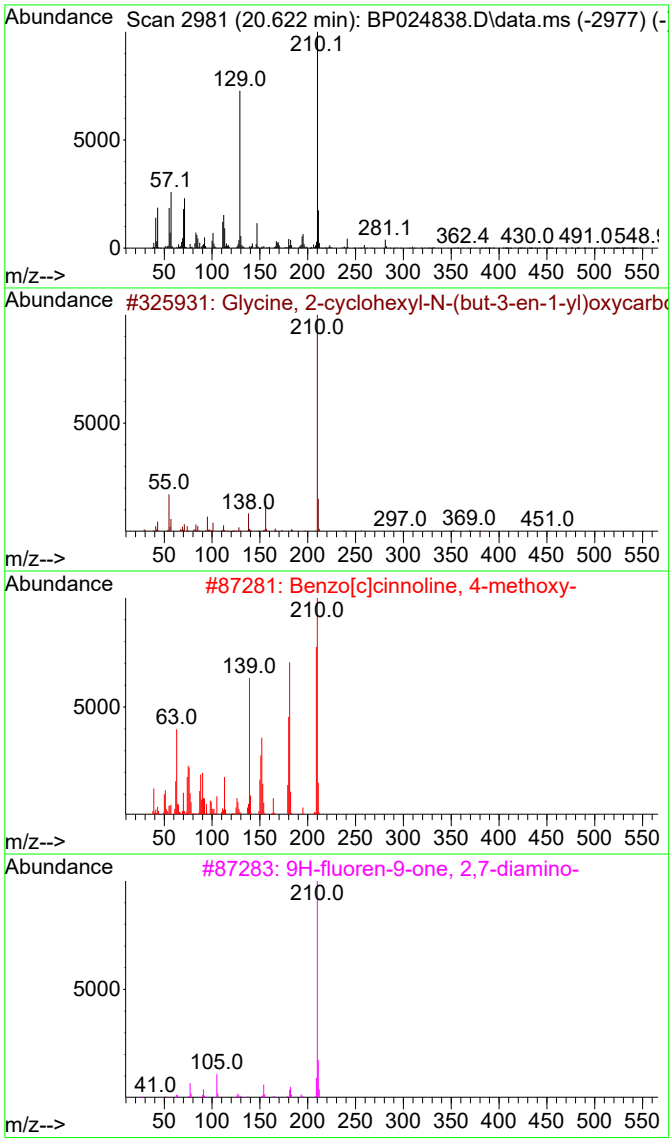
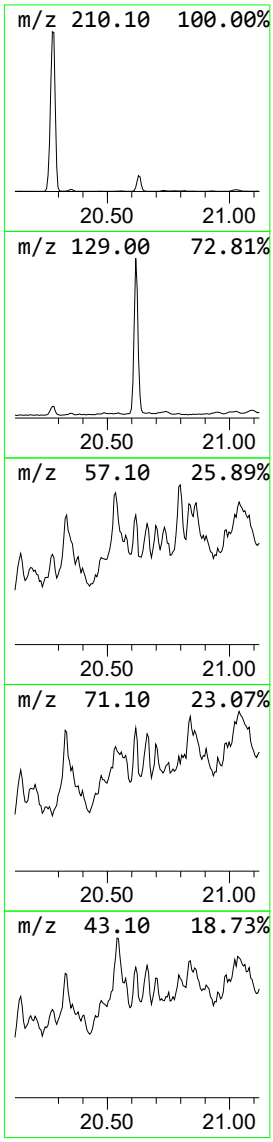
Peak Number 18 unknown20.622 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.622	13.86 ng	1936320	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, 2-cyclohexyl-N-(but-3-e...	451	C27H49NO4	1000383-25-1	38
2	Benzo[c]cinnoline, 4-methoxy-	210	C13H10N2O	019174-72-2	38
3	9H-fluoren-9-one, 2,7-diamino-	210	C13H10N2O	1000400-61-7	38
4	2,3,4,5,6-Pentathiabicyclo[5.4.0...	242	C6H10S5	016007-21-9	38
5	2,8-Phenazinediamine	210	C12H10N4	007704-40-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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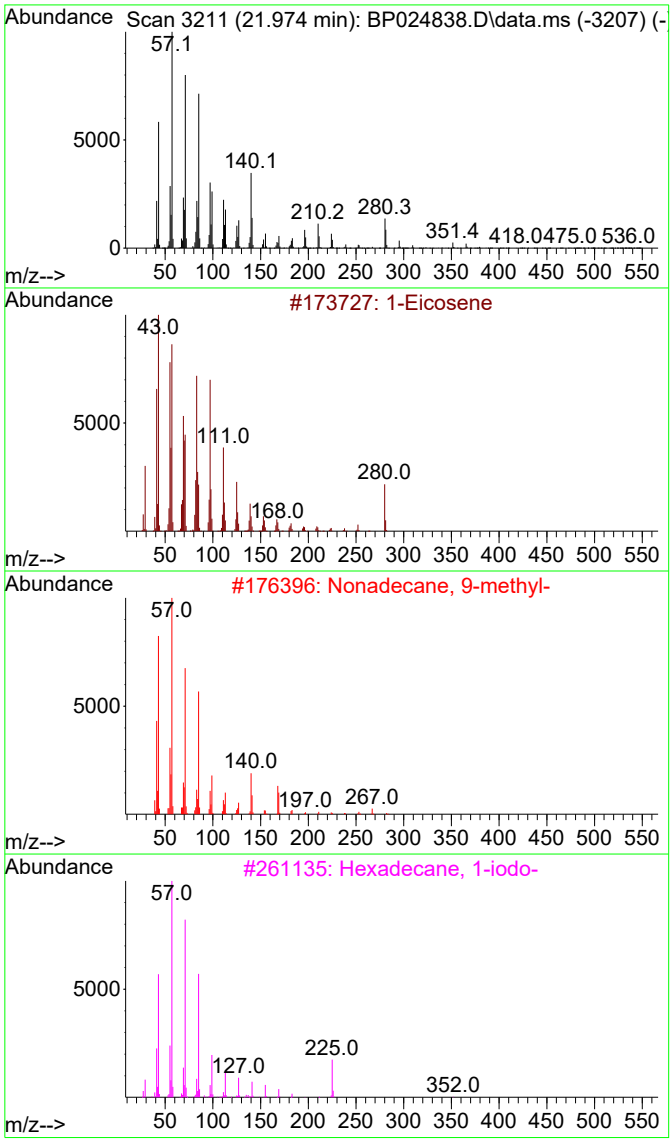
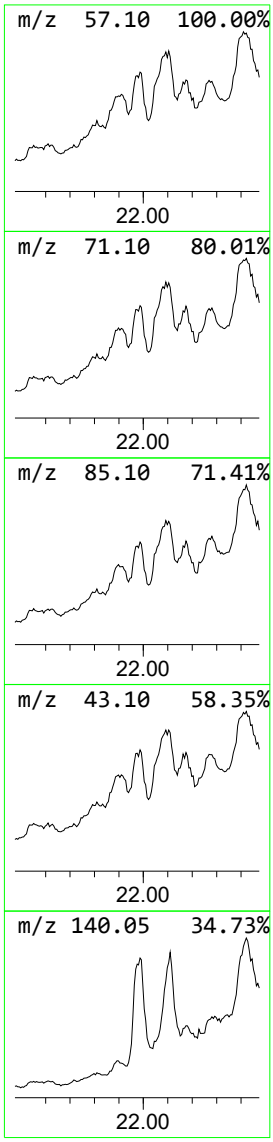
Peak Number 19 1-Eicosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	35.10 ng	4905980	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	78
5	Docosyl isopropyl ether	368	C25H52O	1000406-34-4	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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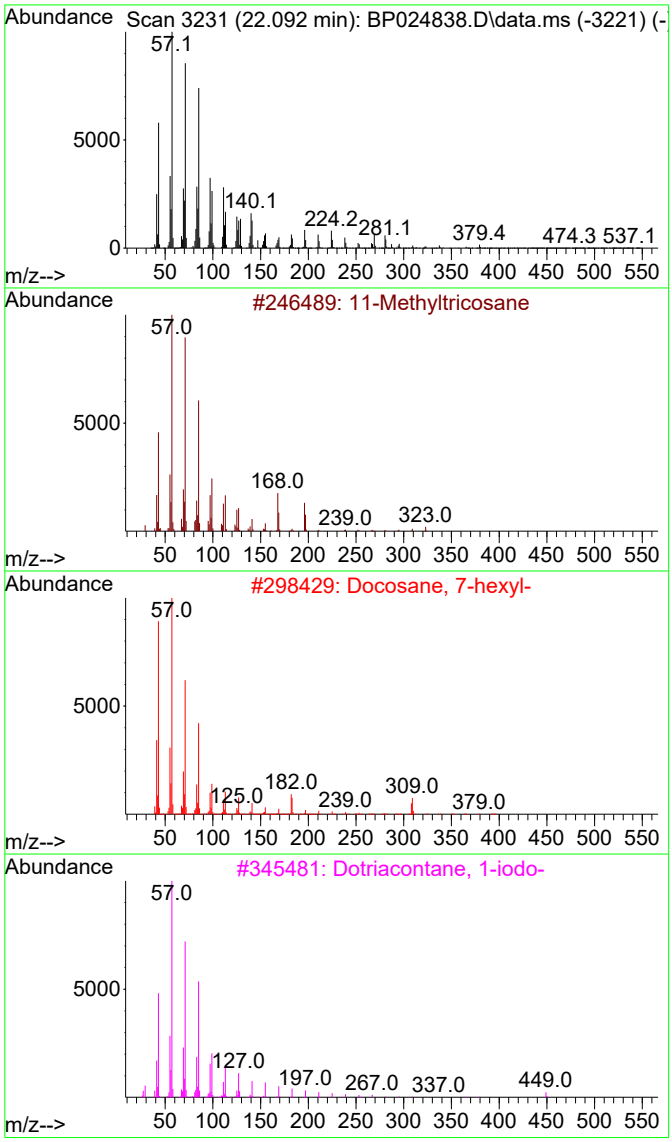
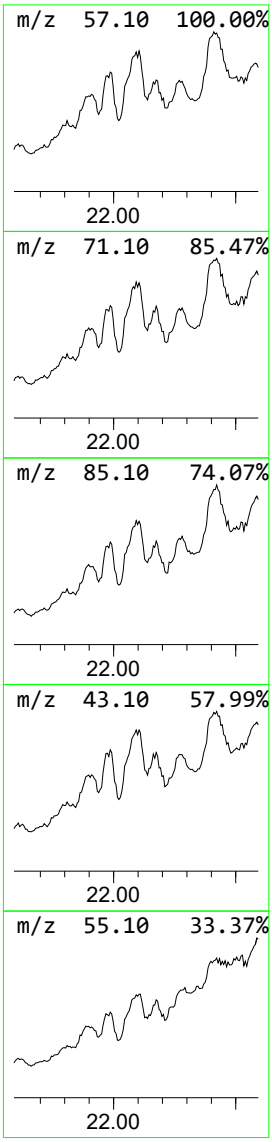
Peak Number 20 11-Methyltricosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.092	130.88 ng	18290500	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methyltricosane	338	C24H50	027538-41-6	90
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	81
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	81
4	11-Methylpentacosane	366	C26H54	015689-71-1	81
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024838.D
Acq On : 29 May 2025 21:10
Operator : RC/JU
Sample : Q2137-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0151

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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
Di-tert-butyl d...	9.381	107.0	ng	10013100	2	10.416	1872370	20.0
Disulfide, bis(...	9.852	18.8	ng	1754880	2	10.416	1872370	20.0
1,2,5-Trithiepane	10.246	13.8	ng	1286940	2	10.416	1872370	20.0
unknown12.075	12.075	396.0	ng	37073600	2	10.416	1872370	20.0
unknown13.322	13.322	12.9	ng	1337830	3	14.281	2067530	20.0
Pentadecane	14.187	16.0	ng	1652450	3	14.281	2067530	20.0
unknown15.110	15.110	134.0	ng	13856700	3	14.281	2067530	20.0
unknown16.457	16.457	12.3	ng	1293620	4	17.081	2100840	20.0
unknown17.363	17.363	18.5	ng	1939970	4	17.081	2100840	20.0
n-Hexadecanoic ...	18.022	14.1	ng	1479190	4	17.081	2100840	20.0
Benzenamine, 4,...	18.251	53.4	ng	5607190	4	17.081	2100840	20.0
9,12-Octadecadi...	18.975	19.7	ng	2067480	4	17.081	2100840	20.0
unknown19.192	19.192	38.6	ng	4051990	4	17.081	2100840	20.0
9-Octadecenoic ...	19.239	59.2	ng	6219130	4	17.081	2100840	20.0
Tert-octyldiphe...	20.275	90.5	ng	12651200	5	21.522	2795110	20.0
4,4'-Di-tert-bu...	20.351	35.8	ng	4996170	5	21.522	2795110	20.0
9-Octadecenamid...	20.545	21.9	ng	3058840	5	21.522	2795110	20.0
unknown20.622	20.622	13.9	ng	1936320	5	21.522	2795110	20.0
1-Eicosene	21.974	35.1	ng	4905980	5	21.522	2795110	20.0
11-Methyltricosane	22.092	130.9	ng	18290500	5	21.522	2795110	20.0