LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

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_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.398	558	562	577	rVB	222743	361520	27.09%	2.090%
2	5.681	606	610	616	rVB	10144	14866	1.11%	0.086%
3	6.028	664	669	675	rBV3	20916	34015	2.55%	0.197%
4	6.210	695	700	704	rBV	13666	21801	1.63%	0.126%
5	6.304	713	716	719	rBV	23782	30542	2.29%	0.177%
6	6.375	724	728	732	rBV2	17922	27439	2.06%	0.159%
7	6.422	732	736	748	rBV	232121	396846	29.74%	2.295%
8	6.516	748	752	757	rBV3	16824	30283	2.27%	0.175%
9	6.610	764	768	775	rBV2	62938	95512	7.16%	0.552%
10	6.740	780	790	791	rBV4	13277	30639	2.30%	0.177%
11	6.781	792	797	804	rVV	345814	485147	36.36%	2.805%
12	6.834	804	806	810	rVB	35002	40252	3.02%	0.233%
13	6.928	818	822	825	rBV3	31087	40663	3.05%	0.235%
14	6.957	825	827	831	rVB	16454	17727	1.33%	0.102%
15	7.051	832	843	847	rBV2	68611	149227	11.18%	0.863%
16	7.098	847	851	859	rVB3	58579	105523	7.91%	0.610%
17	7.169	859	863	867	rBV2	84778	114730	8.60%	0.663%
18	7.245	873	876	878	rBV2	19187	24577	1.84%	0.142%
19	7.316	883	888	889	rVV	86143	114292	8.56%	0.661%
20	7.345	889	893	896	rVV	192569	300108	22.49%	1.735%
21	7.375	896	898	902	rVV	125218	144237	10.81%	0.834%
22	7.428	902	907	910	rVV4	73574	110111	8.25%	0.637%
23	7.463	910	913	916	rVV3	43461	60460	4.53%	0.350%
24	7.492	916	918	922	rVV4	30811	45018	3.37%	0.260%
25	7.551	925	928	929	rVV	43551	50827	3.81%	0.294%
26	7.581	929	933	937	rVB3	125848	183711	13.77%	1.062%
27	7.698	943	953	958	rBV6	84196	317627	23.80%	1.836%
28	7.745	958	961	964	rVB2	63289	79284	5.94%	0.458%
29	7.798	964	970	974	rBV4	133891	297665	22.31%	1.721%
30	7.881	981	984	985	rBV3	24666	25773	1.93%	0.149%
31	7.898	985	987	990	rVB	82751	87721	6.57%	0.507%
32	7.934	990	993	995	rVB	37074	35802	2.68%	0.207%
33	7.963	995	998	1002	rVB2	41971	46589	3.49%	0.269%
34	8.057	1002	1014	1021	rBV2	522116	1334450	100.00%	7.716%
35	8.116	1021	1024	1028	rVB3	117146	171030	12.82%	0.989%
36	8.151	1028	1030	1037	rVB4	65608	94180	7.06%	0.545%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

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_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.234	1038	1044	1045	rBV4	61989	94549	7.09%	0.547%
38	8.257	1046	1048	1052	rVB2	98861	118550	8.88%	0.685%
39	8.310	1053	1057	1059	rBV3	42336	63159	4.73%	0.365%
40	8.351	1059	1064	1071	rBV8	116386	199364	14.94%	1.153%
41	8.410	1071	1074	1077	rBV3	57170	65936	4.94%	0.381%
42	8.445	1077	1080	1083	rBV3	94857	105370	7.90%	0.609%
43	8.481	1083	1086	1092	rBV2	94013	134170	10.05%	0.776%
44	8.569	1097	1101	1104	rBV2	217499	288778	21.64%	1.670%
45	8.651	1111	1115	1119	rBV	378902	490632	36.77%	2.837%
46	8.722	1124	1127	1130	rVV	67465	85413	6.40%	0.494%
47	8.816	1140	1143	1145	rBV3	29859	41408	3.10%	0.239%
48	8.886	1150	1155	1160	rVV4	177707	285897	21.42%	1.653%
49	9.010	1173	1176	1181	rVB3	111388	181720	13.62%	1.051%
50	9.081	1181	1188	1193	rBV3	144171	278942	20.90%	1.613%
51	9.133	1193	1197	1201	rVB	312945	381668	28.60%	2.207%
52	9.216	1206	1211	1216	rBV	506297	672437	50.39%	3.888%
53	9.286	1220	1223	1229	rVB	110284	148039	11.09%	0.856%
54	9.475	1247	1255	1256	rBV6	115443	238227	17.85%	1.377%
55	9.533	1261	1265	1268	rBV3	180522	269927	20.23%	1.561%
56	9.592	1273	1275	1279	rVB2	119311	134177	10.05%	0.776%
57	9.745	1297	1301	1305	rVB	522788	622846	46.67%	3.601%
58	9.816	1305	1313	1317	rBV	400406	587692	44.04%	3.398%
59	9.922	1328	1331	1335	rVB2	48630	58987	4.42%	0.341%
60	9.980	1337	1341	1343	rBV	78950	127486	9.55%	0.737%
61	10.063	1352	1355	1359	rBV4	107683	150705	11.29%	0.871%
62	10.133	1364	1367	1373	rBV8	39289	79263	5.94%	0.458%
63	10.245	1381	1386	1393	rBV	538951	700403	52.49%	4.050%
64	10.463	1418	1423	1429	rBV	179209	290833	21.79%	1.682%
65	10.551	1435	1438	1440	rBV2	36547	38215	2.86%	0.221%
66	10.580	1441	1443	1445	rVV2	50594	61412	4.60%	0.355%
67	10.604	1445	1447	1458	rVB2	108488	172558	12.93%	0.998%
68	10.716	1462	1466	1475	rVB	517014	811057	60.78%	4.689%
69	10.910	1496	1499	1501	rBV	43461	59901	4.49%	0.346%
70	11.163	1538	1542	1545	rBV	384223	498100	37.33%	2.880%
71	11.192	1545	1547	1553	rVB	153190	198355	14.86%	1.147%
72	11.298	1561	1565	1570	rBV	310199	440300	32.99%	2.546%
73	11.475	1592	1595	1598	rBV	34715	37711	2.83%	0.218%
74	11.592	1610	1615	1619	rBV	299602	365597	27.40%	2.114%
75	11.757	1639	1643	1648	rBV2	31152	62124	4.66%	0.359%
76	11.998	1679	1684	1688	rBV	238719	290155	21.74%	1.678%

LSC Area Percent Report

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Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

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_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.280	1729	1732	1735	rVB	26093	29042	2.18%	0.168%
78	12.386	1746	1750	1754	rVB	174268	215910	16.18%	1.248%
79	12.516	1769	1772	1783	rVB2	29317	67849	5.08%	0.392%
80	12.757	1806	1813	1817	rBV2	121277	185545	13.90%	1.073%
81	12.880	1829	1834	1844	rVB	234197	336685	25.23%	1.947%
82	13.110	1869	1873	1881	rBV	63677	85980	6.44%	0.497%
83	13.457	1928	1932	1936	rVB	37584	48156	3.61%	0.278%
84	13.780	1984	1987	1998	rVB2	28248	54219	4.06%	0.313%
85	13.939	2008	2014	2023	rBV	319665	473103	35.45%	2.735%
86	15.380	2254	2259	2271	rVB	201830	346709	25.98%	2.005%

Sum of corrected areas: 17295455

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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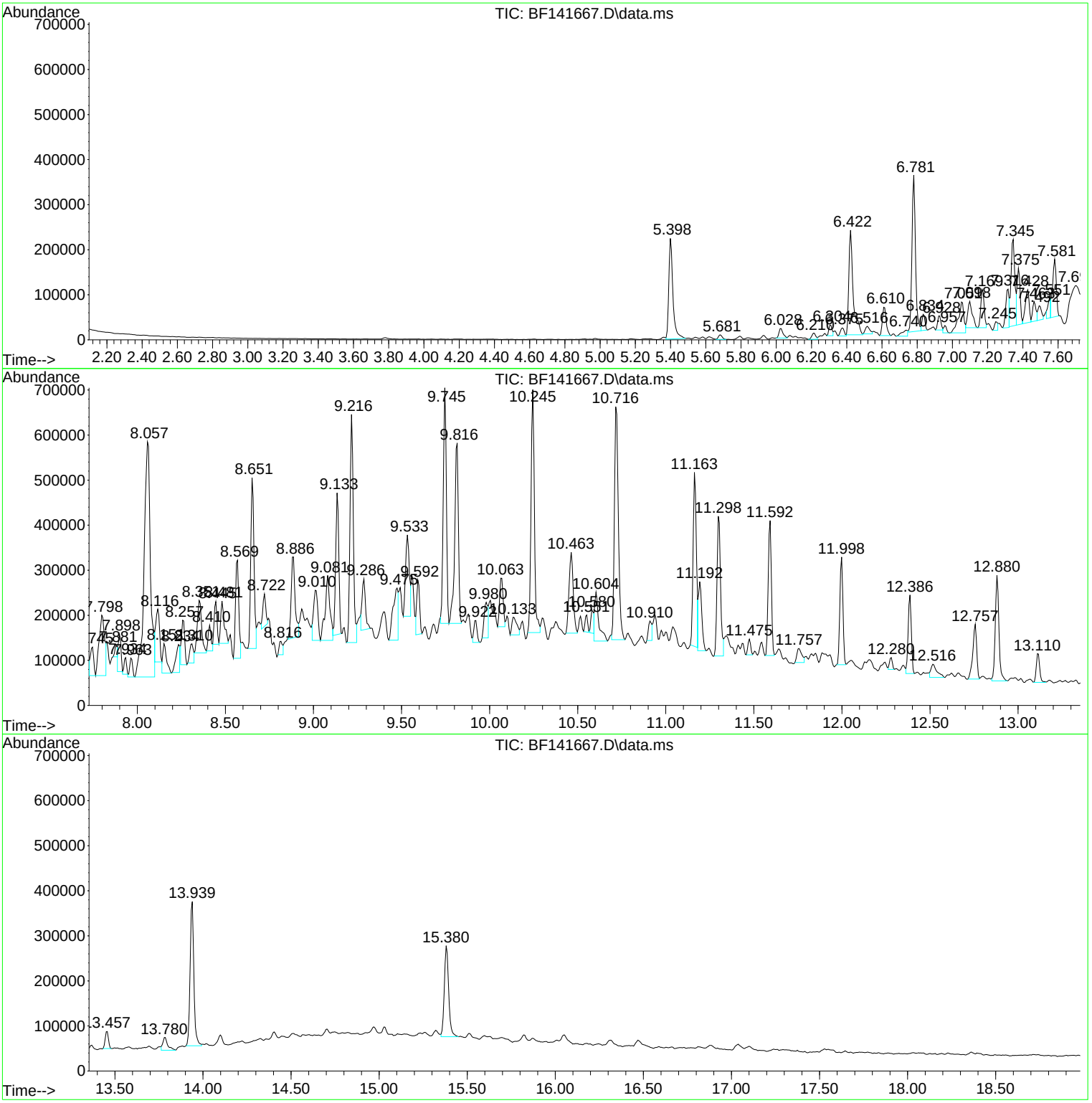
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

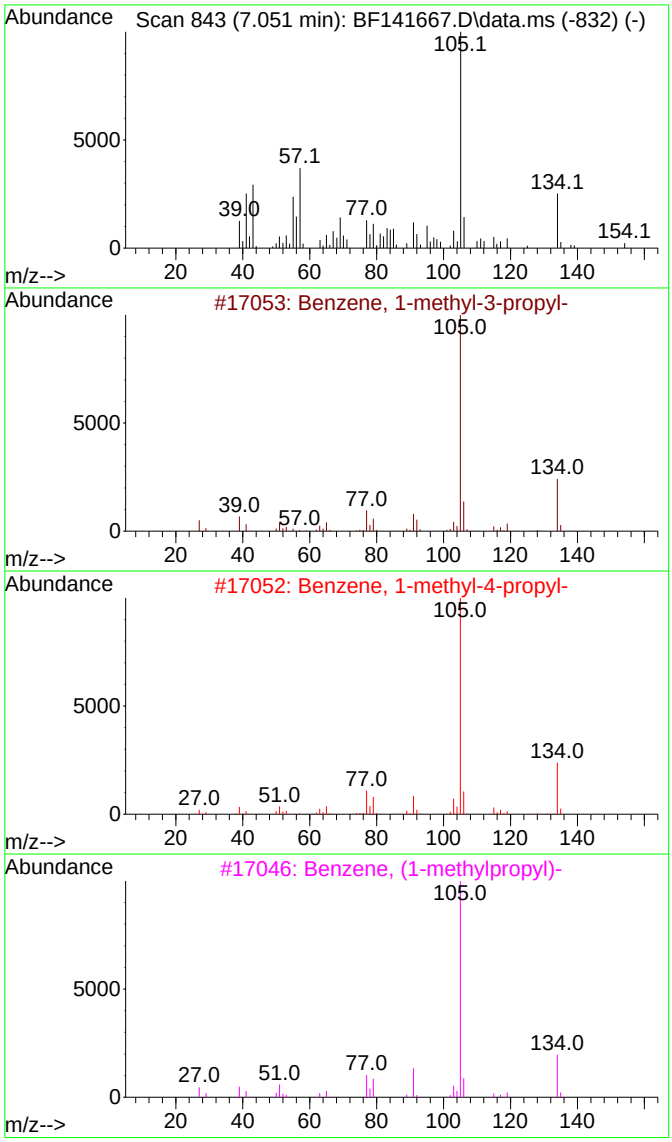
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

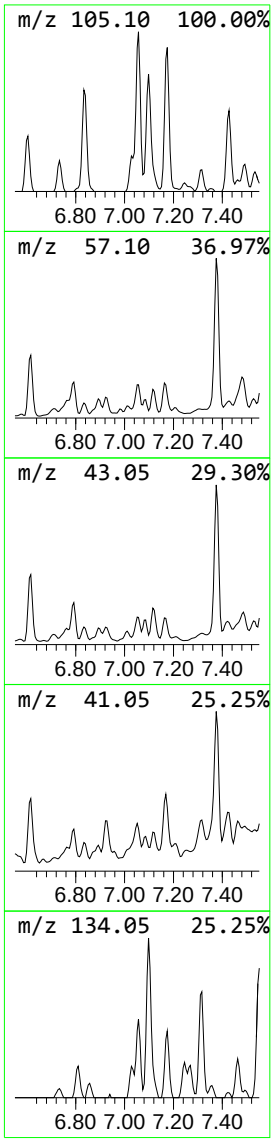
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	6.15 ng	149227	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5	2-Tolyloxirane	134	C9H10O	002783-26-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

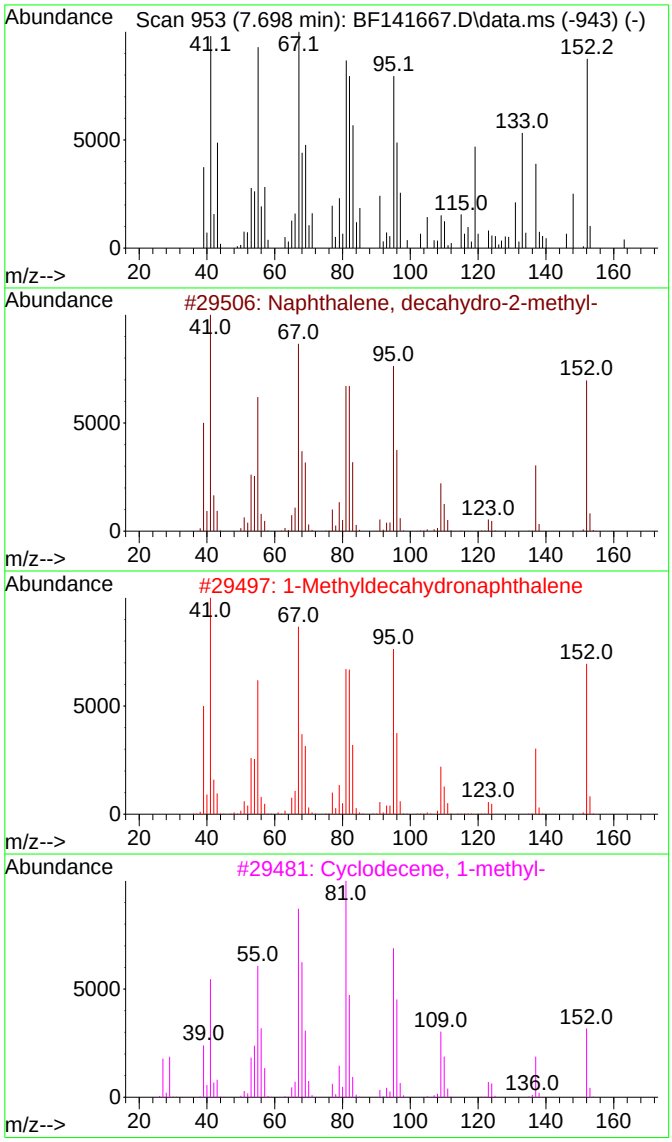
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

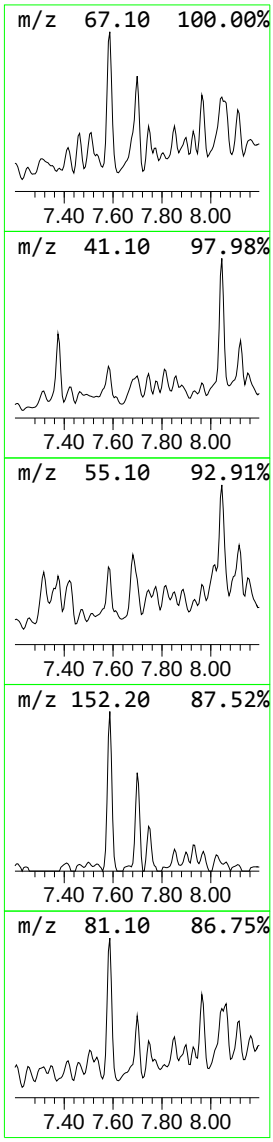
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	4.76 ng	317627	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

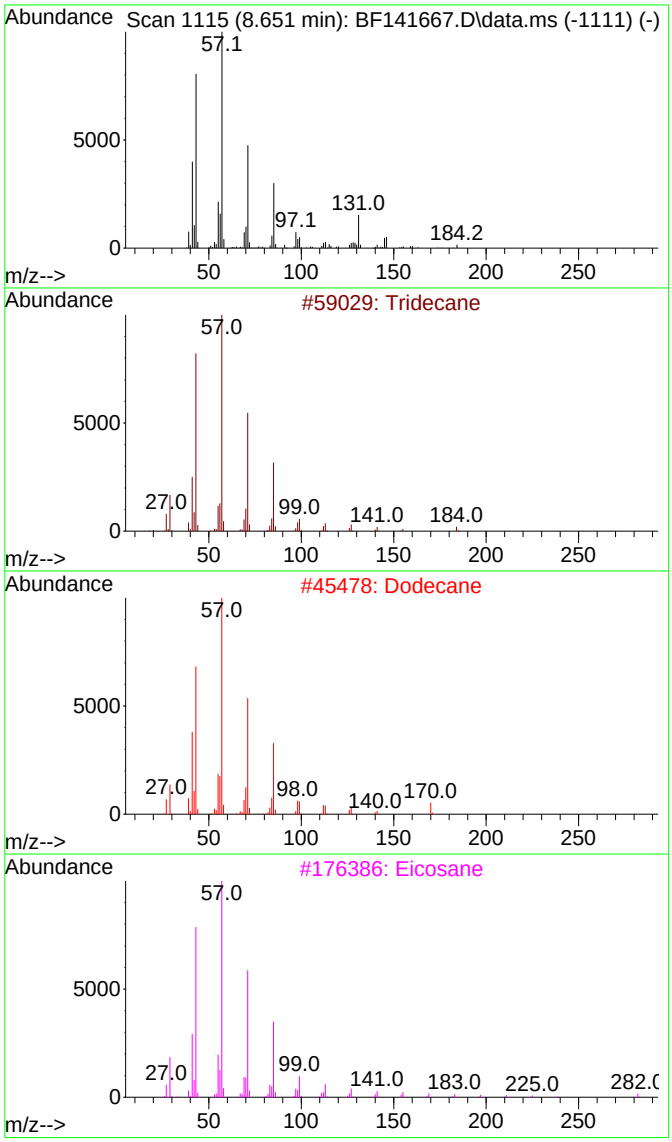
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

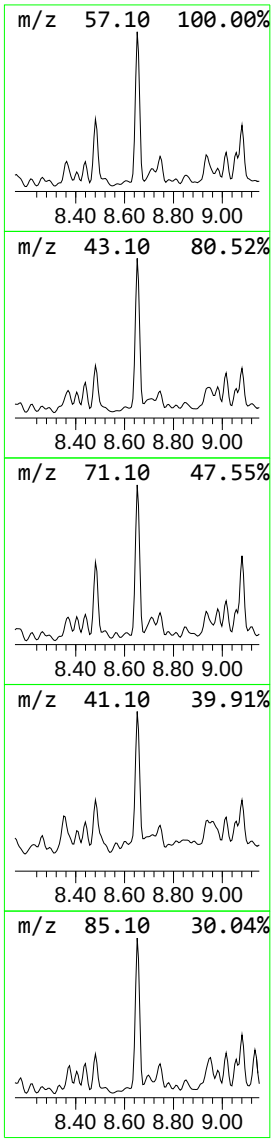
****

Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	7.35 ng	490632	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

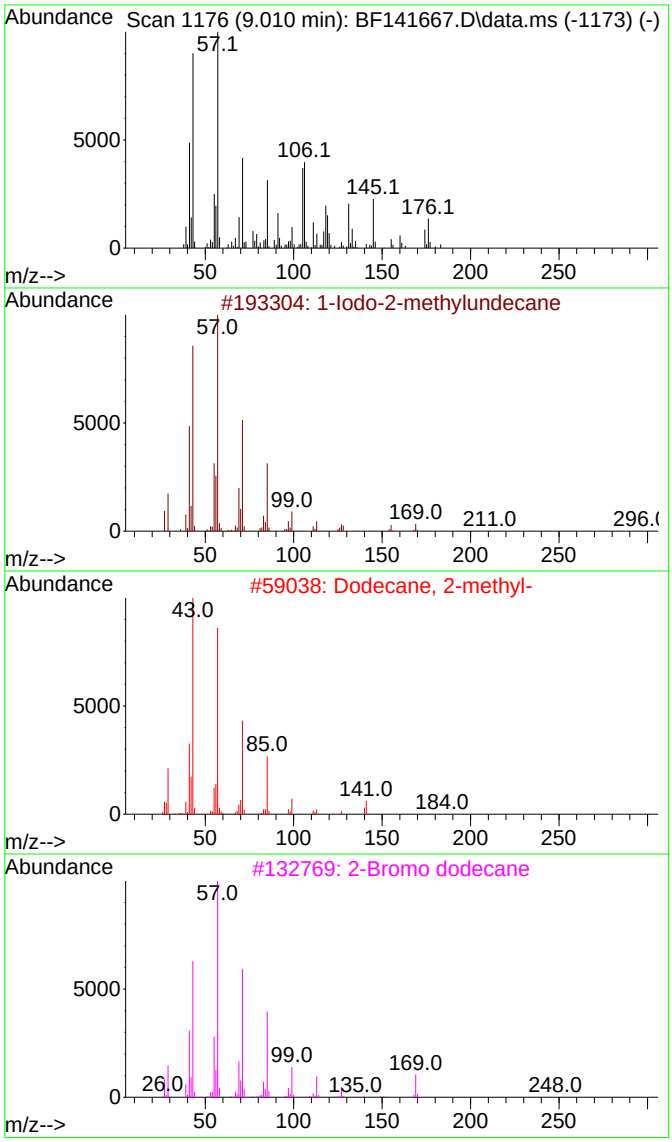
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

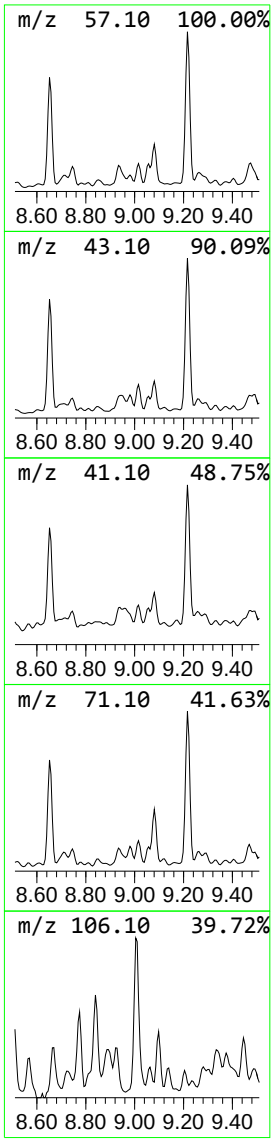
****

Peak Number 4 unknown9.010 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	6.18 ng	181720	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	14
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	14
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	14
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	14
5	Nonadecane	268	C19H40	000629-92-5	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

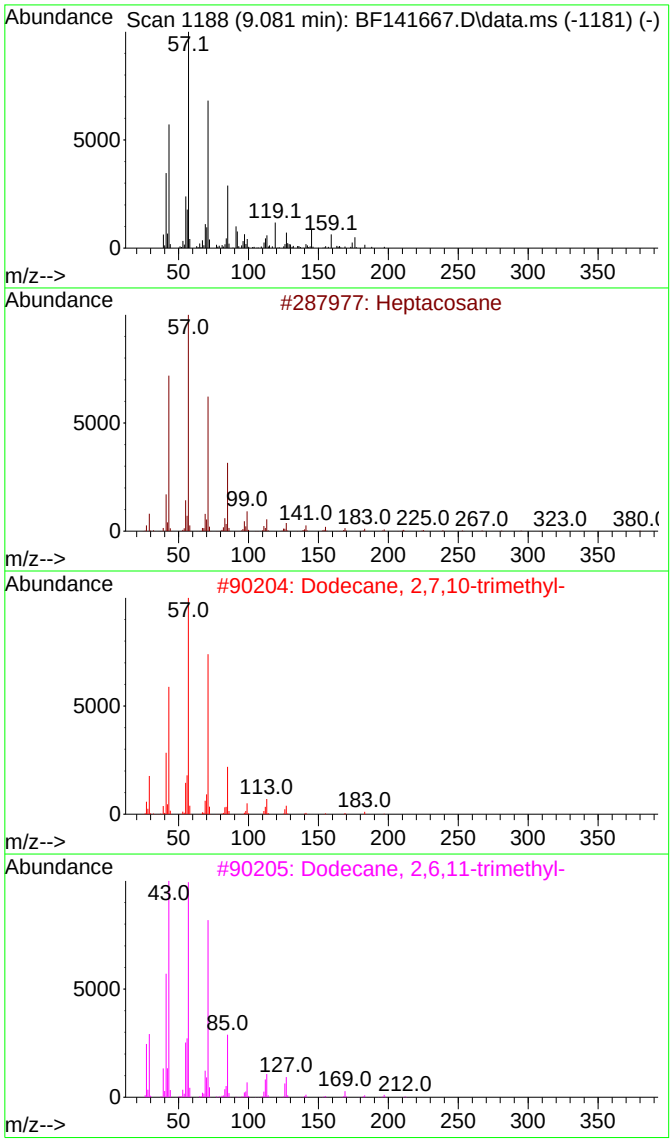
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

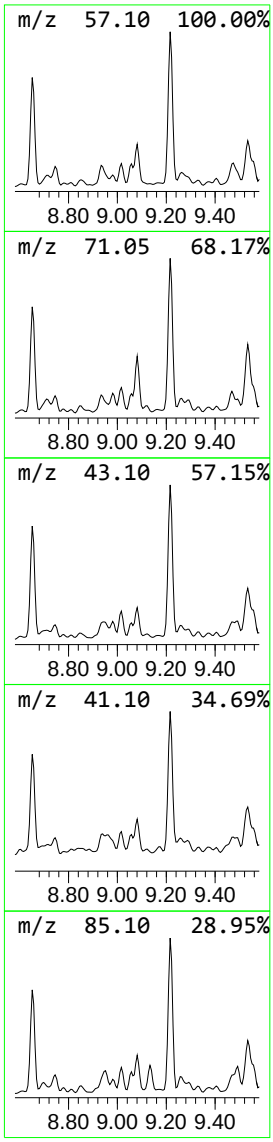
****

Peak Number 5 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	9.49 ng	278942	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

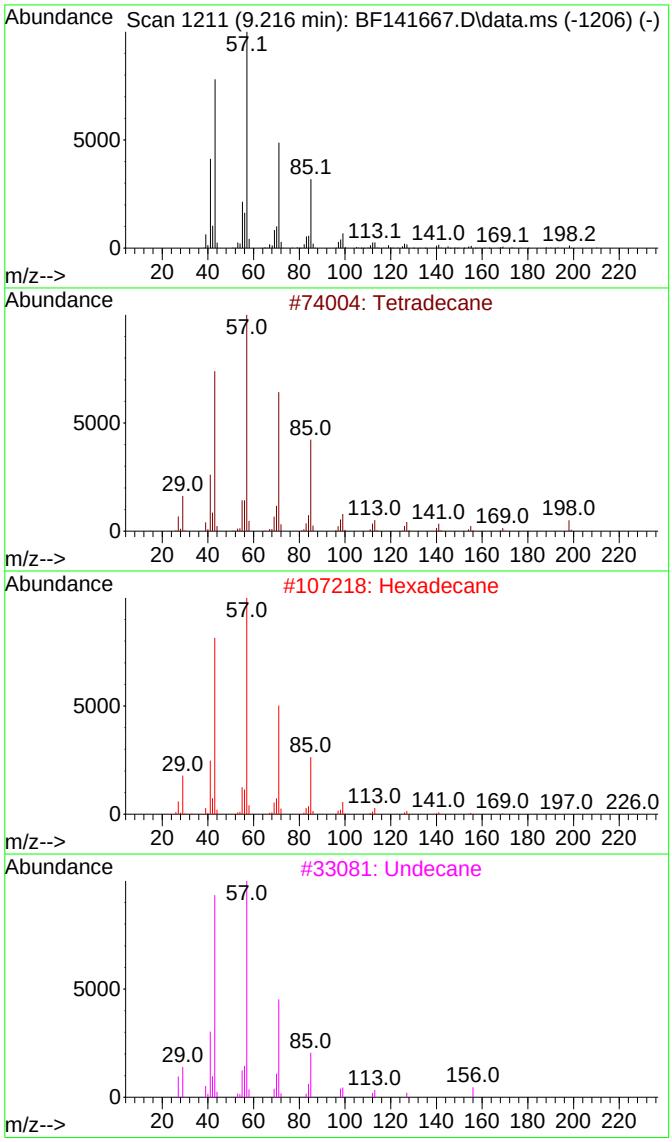
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

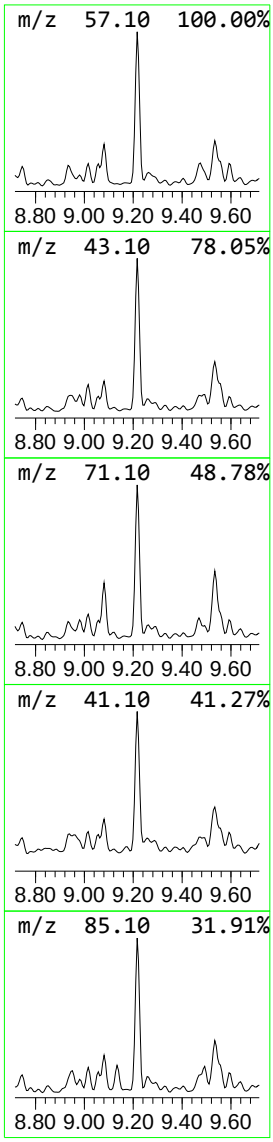
****

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	22.88 ng	672437	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane	156	C11H24	001120-21-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81





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Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-02142025

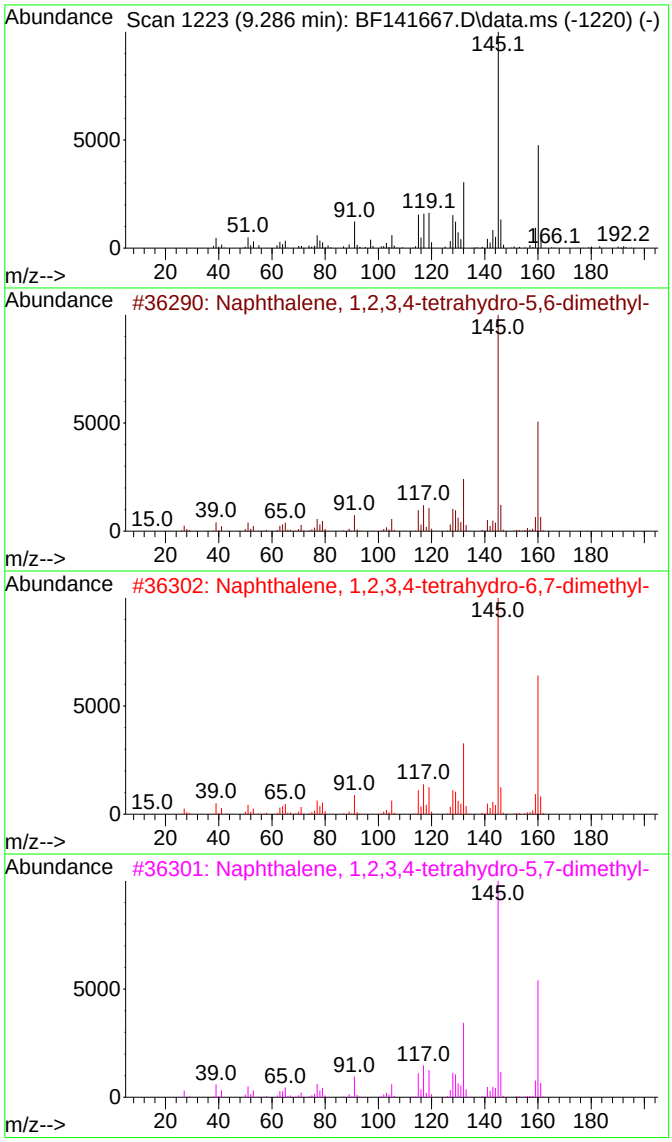
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

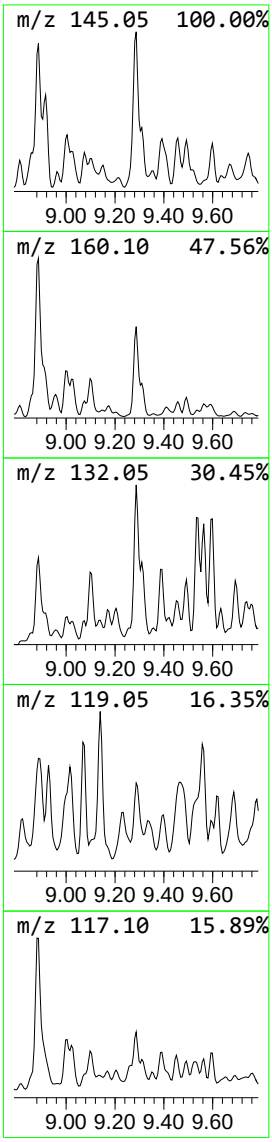
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.286	5.04 ng	148039	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

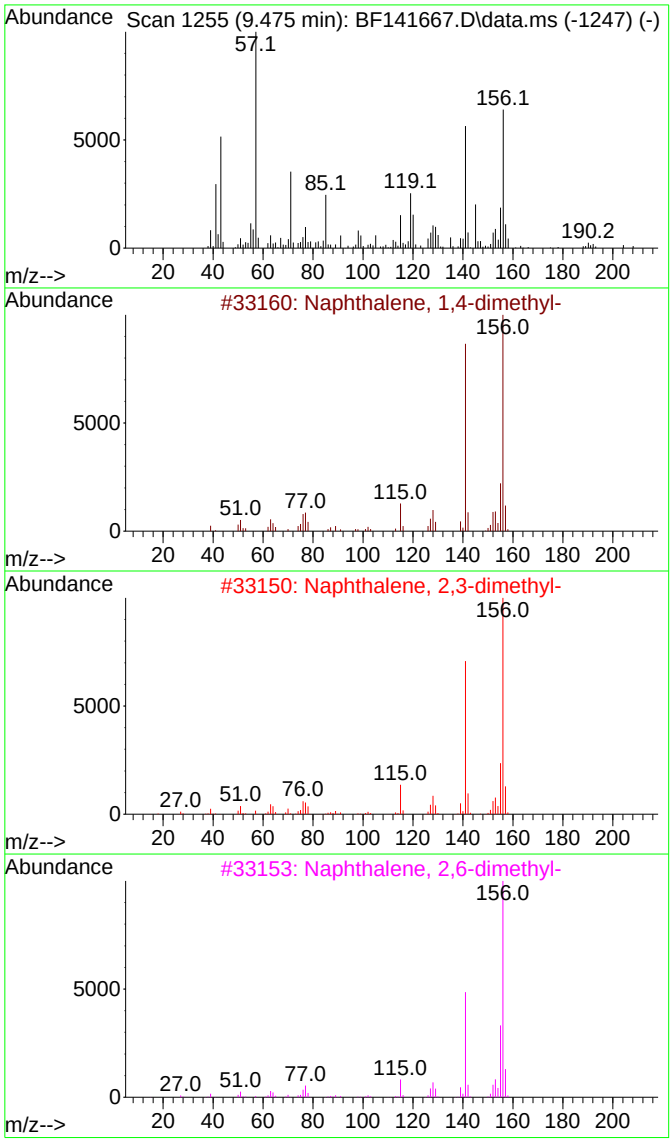
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

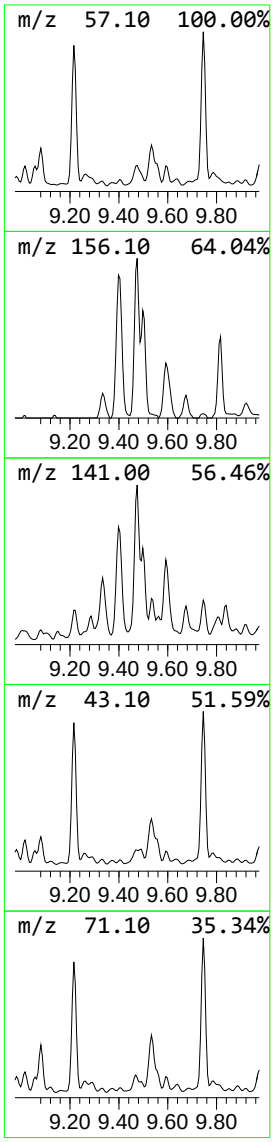
****

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	8.11 ng	238227	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





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Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

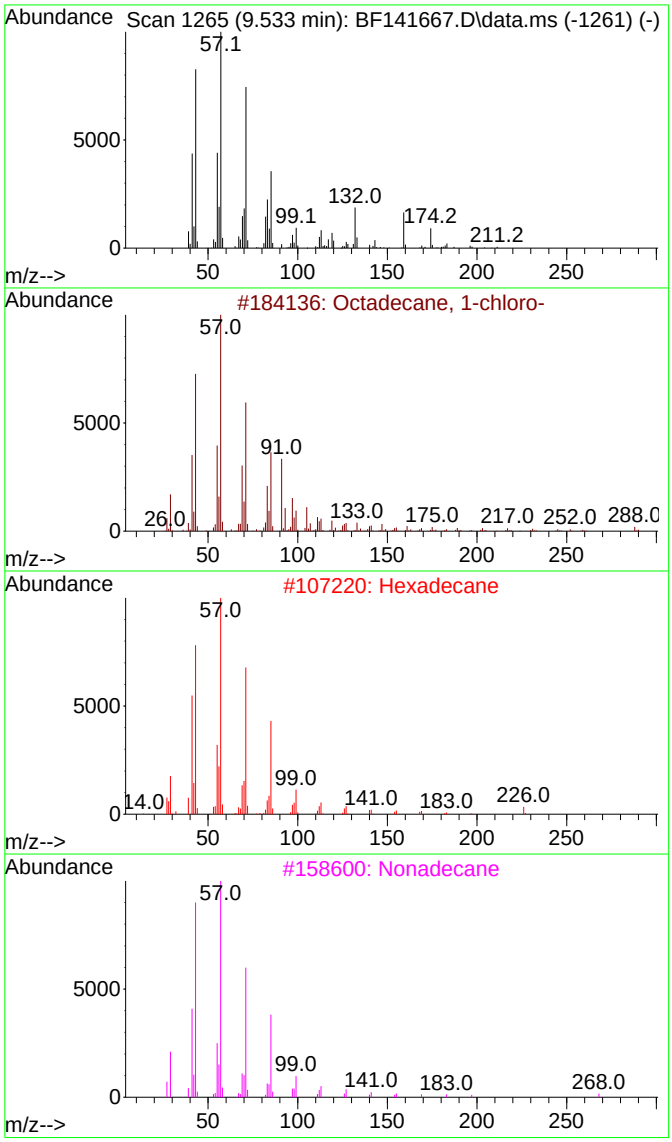
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

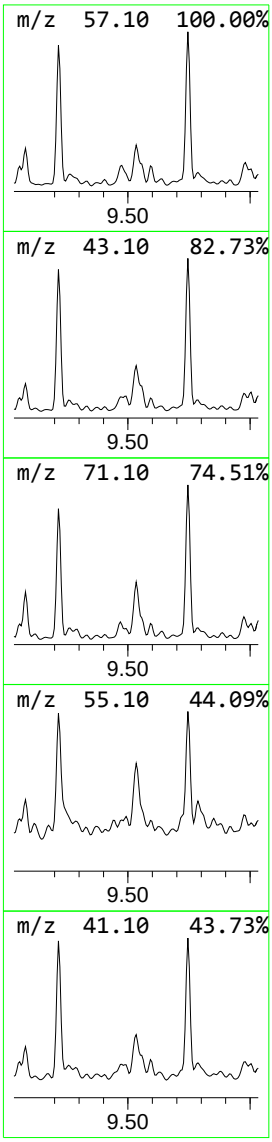
****

Peak Number 9 Octadecane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	9.19 ng	269927	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2	Hexadecane	226	C16H34	000544-76-3	64
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62





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Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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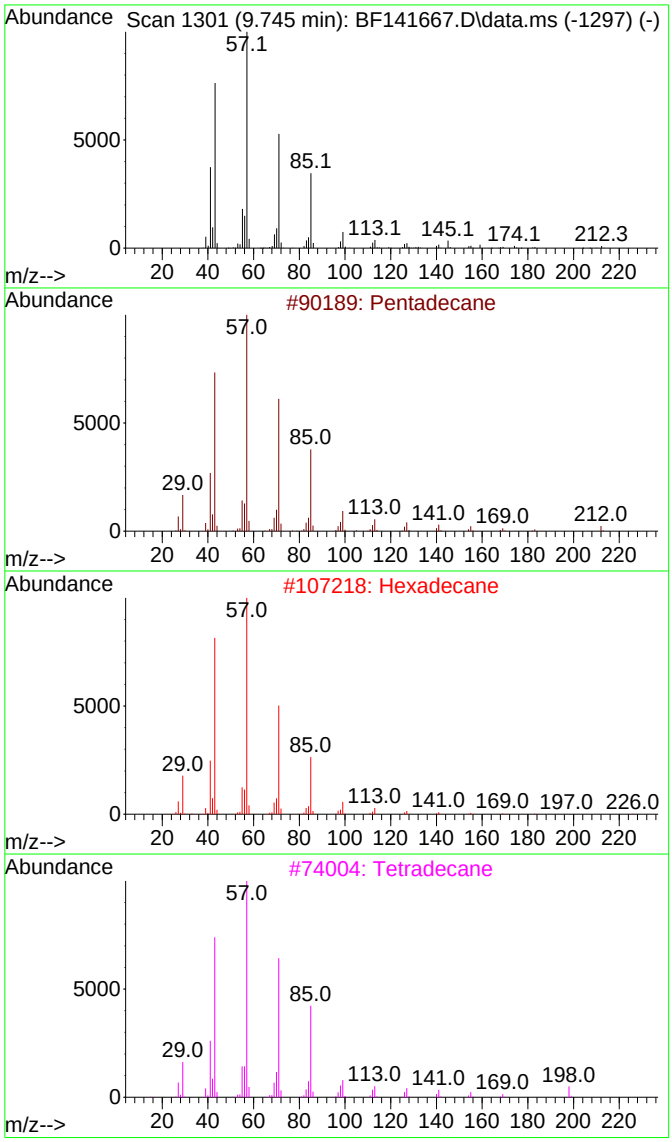
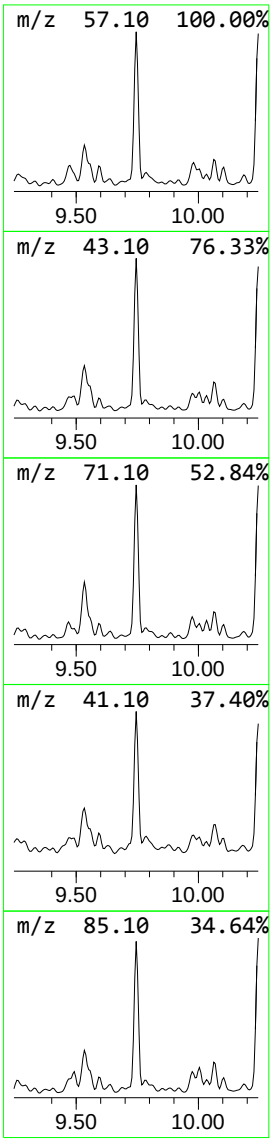
Peak Number 10 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	21.20 ng	622846	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Undecane	156	C11H24	001120-21-4	86





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Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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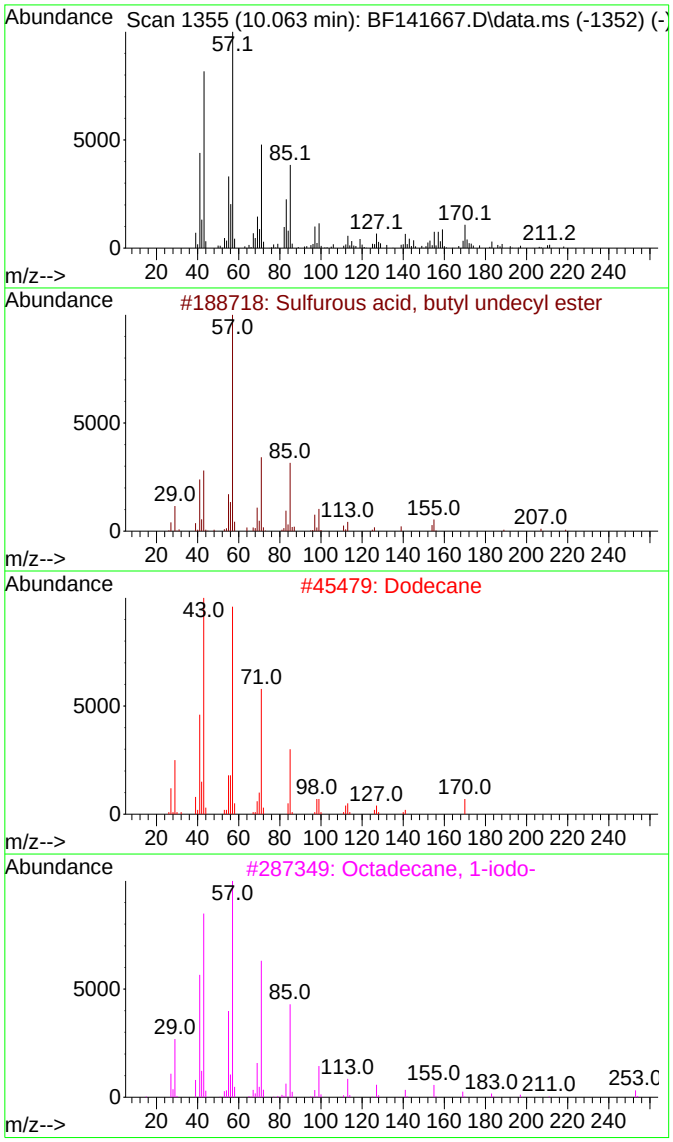
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

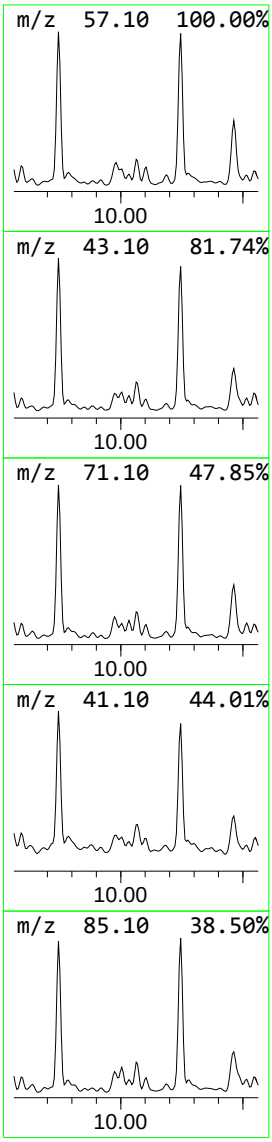
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Sulfurous acid, butyl undec... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	5.13 ng	150705	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
2	Dodecane	170	C12H26	000112-40-3	64
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	62
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
5	Eicosane	282	C20H42	000112-95-8	58





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

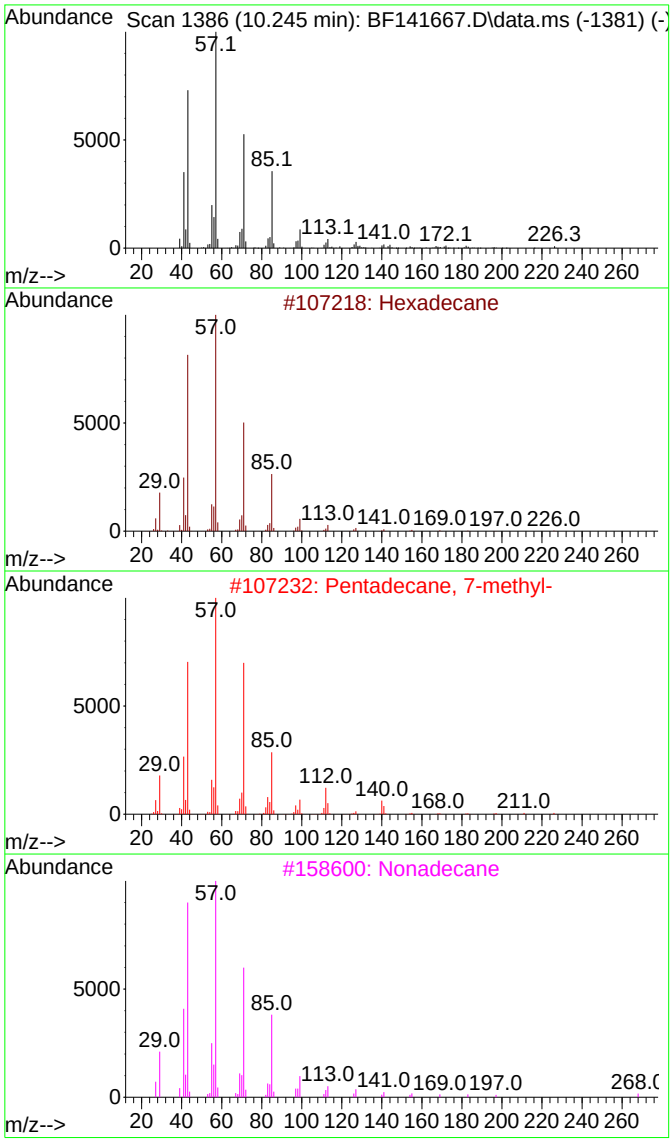
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

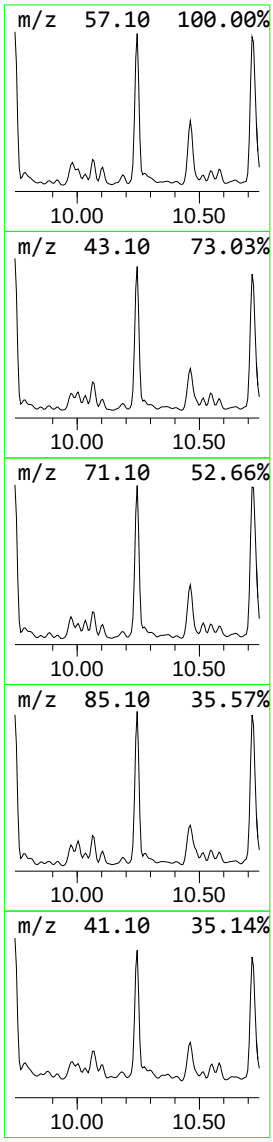
****

Peak Number 12 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	23.84 ng	700403	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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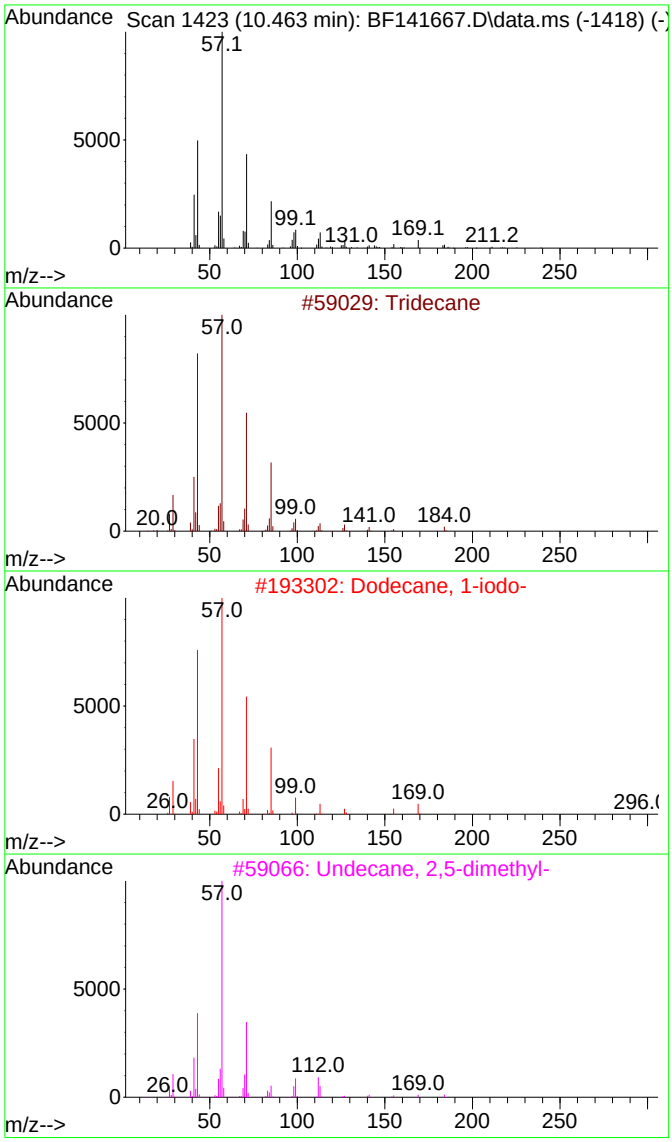
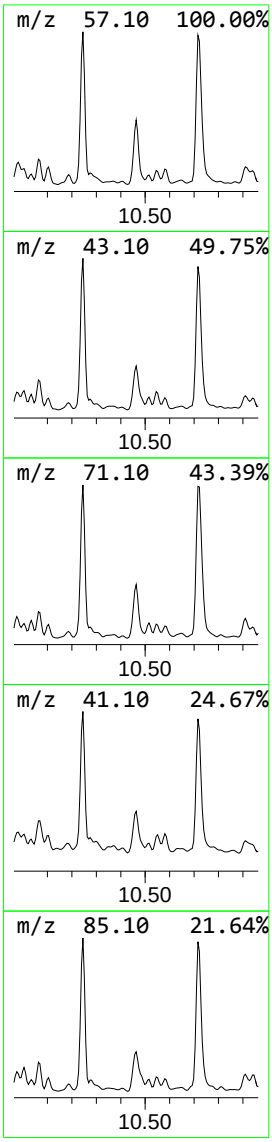
Peak Number 13 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	9.90 ng	290833	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Heneicosane	296	C21H44	000629-94-7	72
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64





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Misc :
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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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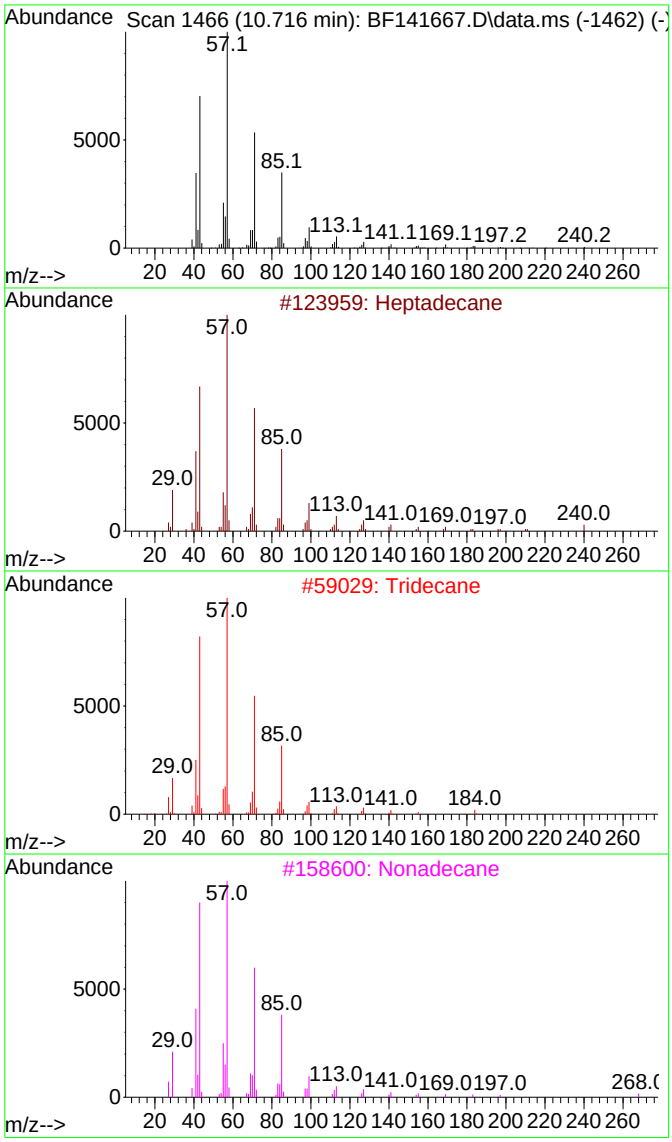
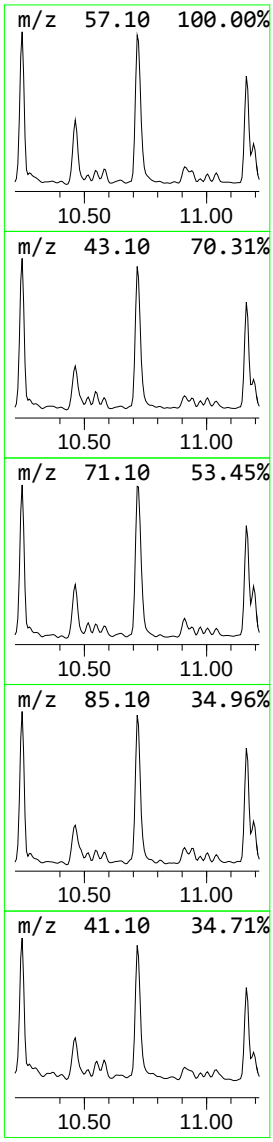
Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	36.84 ng	811057	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
TR-05-02142025

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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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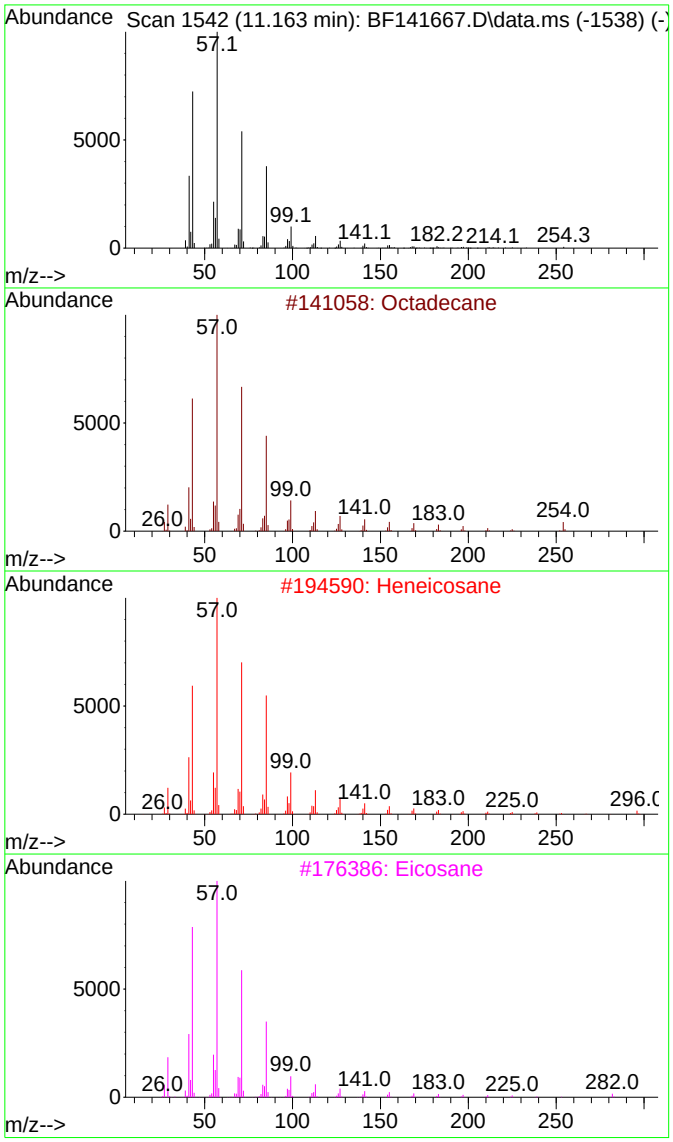
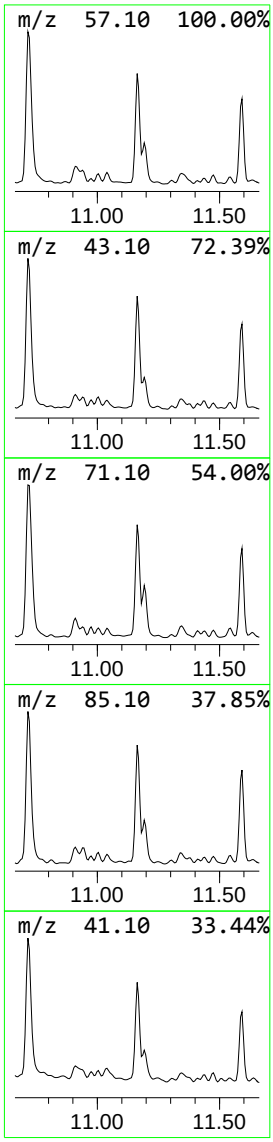
Peak Number 15 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	22.63 ng	498100	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	86





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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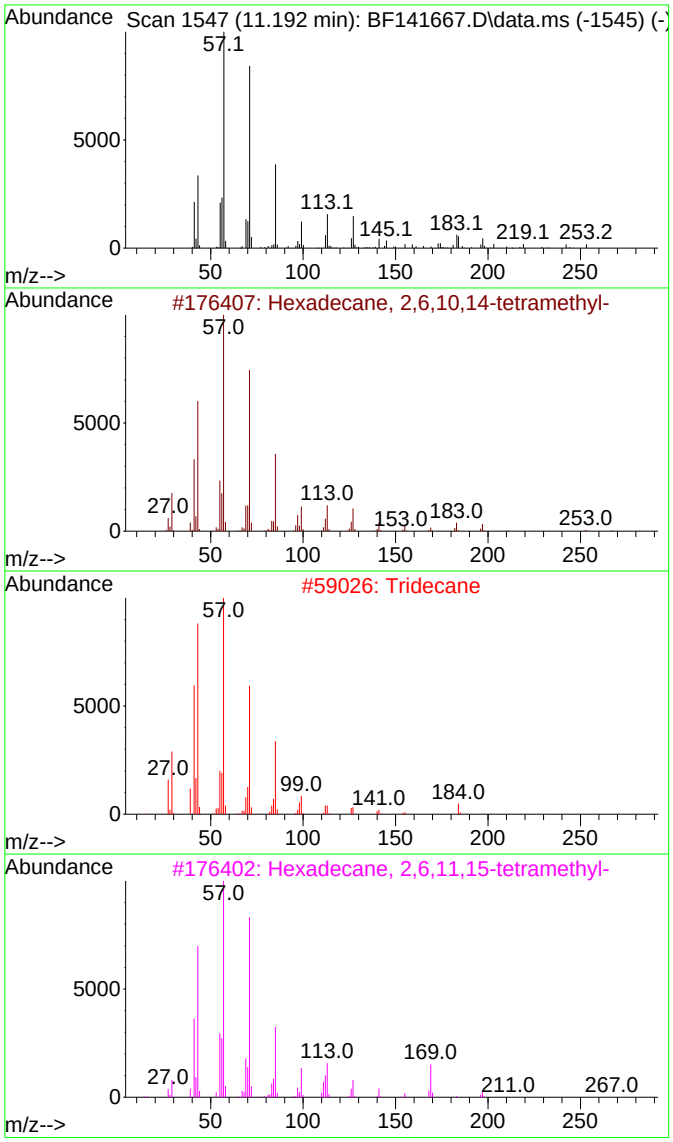
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

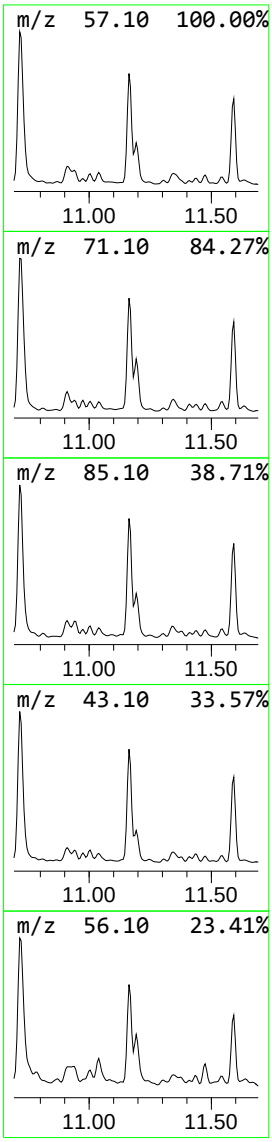
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	9.01 ng	198355	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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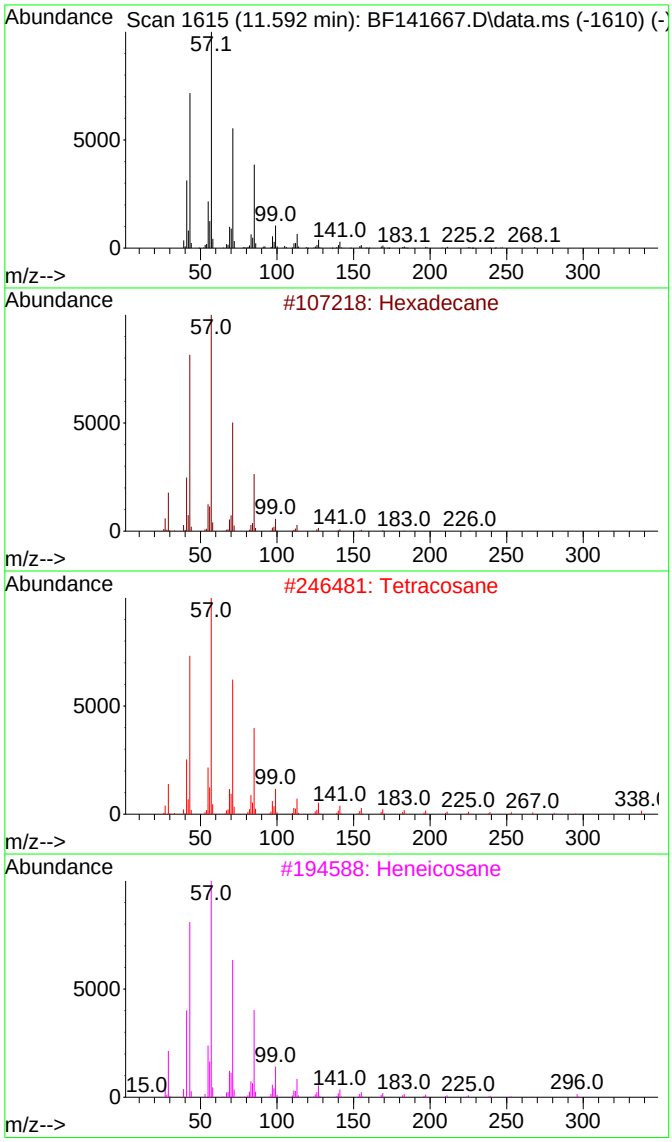
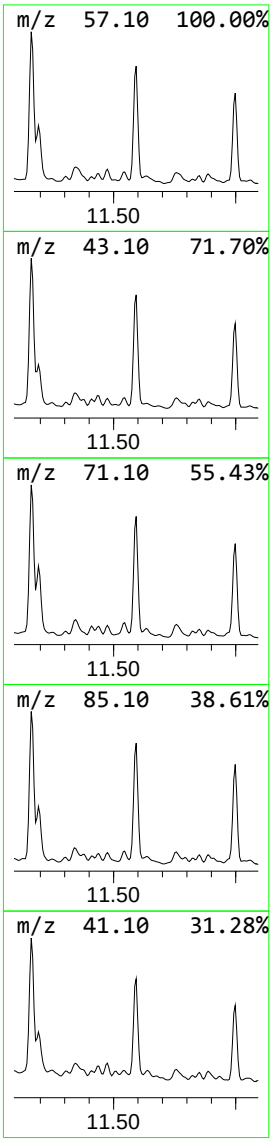
Peak Number 17 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	16.61 ng	365597	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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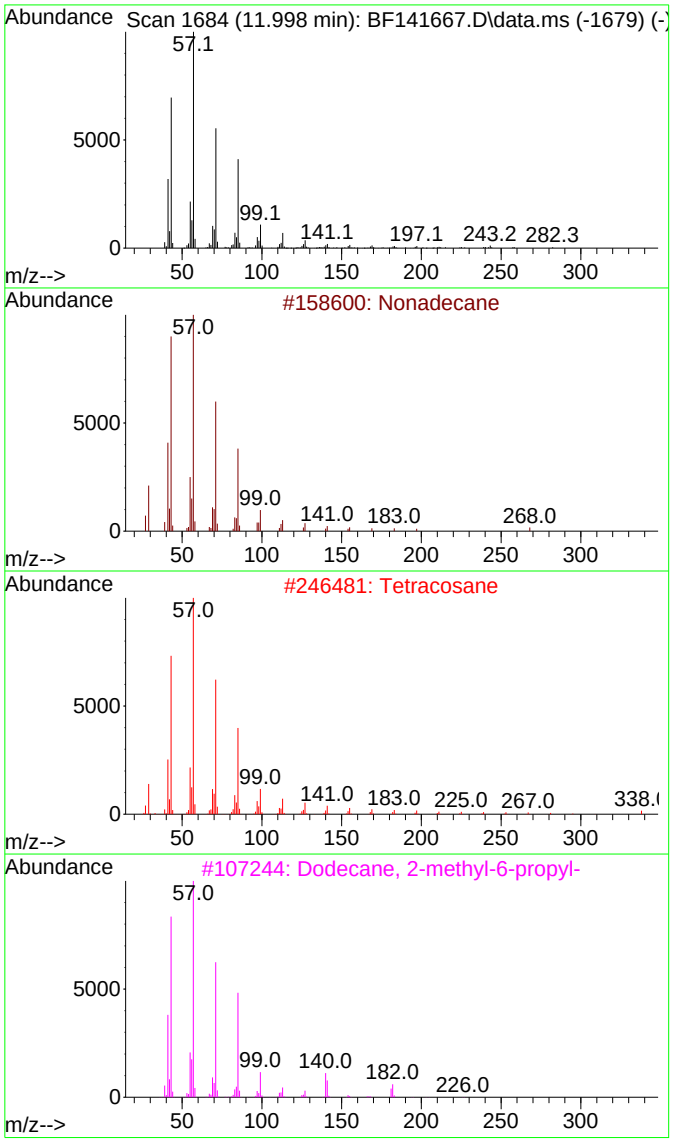
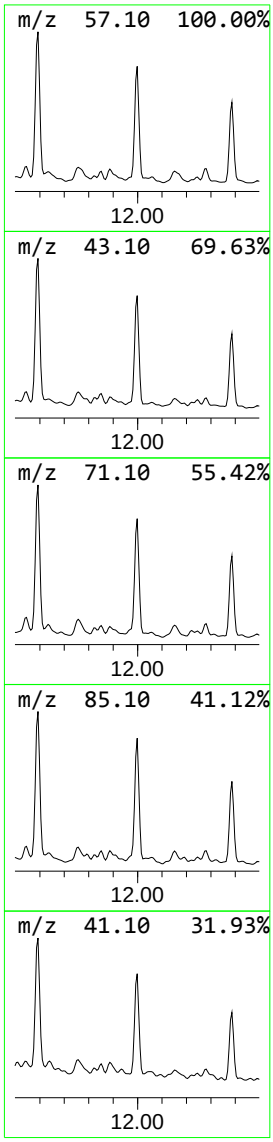
Peak Number 18 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	13.18 ng	290155	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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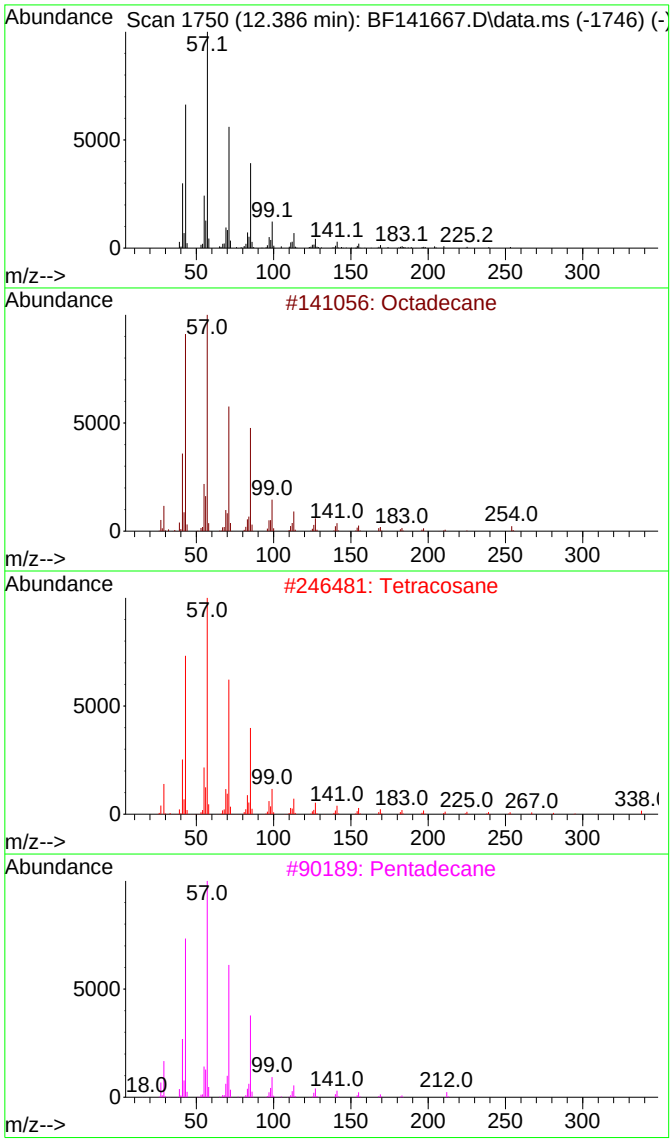
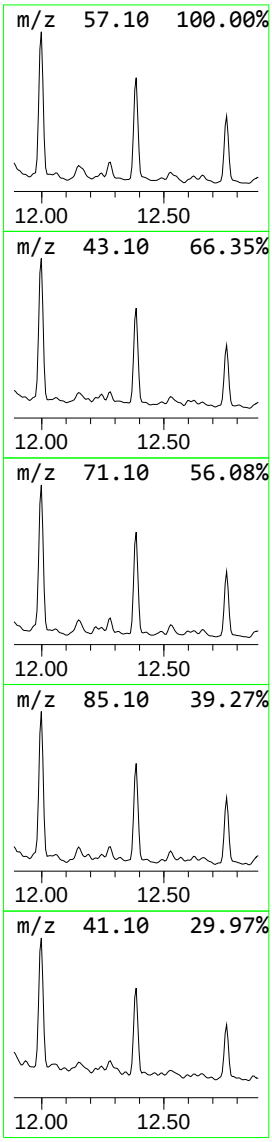
Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	9.81 ng	215910	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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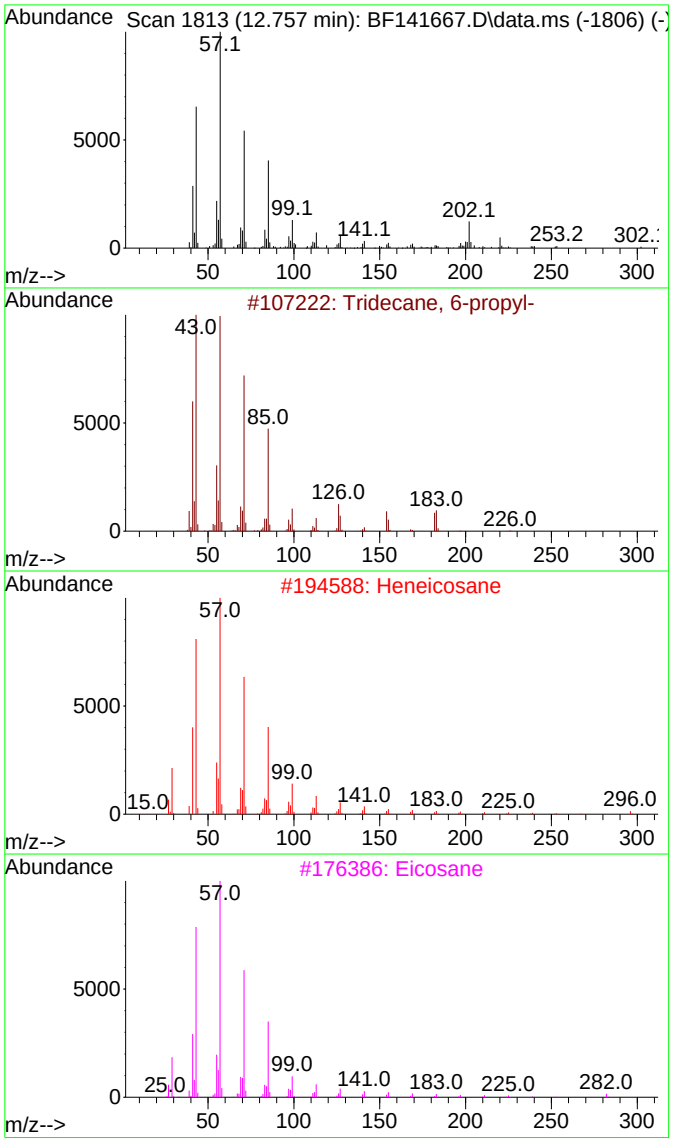
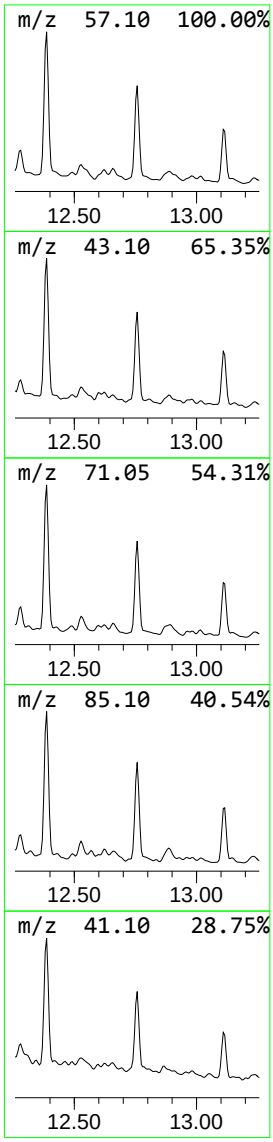
Peak Number 20 Tridecane, 6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	7.84 ng	185545	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexadecane	226	C16H34	000544-76-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141667.D
Acq On : 18 Feb 2025 17:59
Operator : RC/JU
Sample : Q1374-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Benzene, 1-meth...	7.051	6.2	ng	149227	1	6.781	485147	20.0
Naphthalene, de...	7.698	4.8	ng	317627	2	8.063	1334450	20.0
Tridecane	8.651	7.3	ng	490632	2	8.063	1334450	20.0
unknown9.010	9.010	6.2	ng	181720	3	9.816	587692	20.0
Heptacosane	9.081	9.5	ng	278942	3	9.816	587692	20.0
Tetradecane	9.216	22.9	ng	672437	3	9.816	587692	20.0
Naphthalene, 1,...	9.286	5.0	ng	148039	3	9.816	587692	20.0
Naphthalene, 1,...	9.475	8.1	ng	238227	3	9.816	587692	20.0
Octadecane, 1-c...	9.533	9.2	ng	269927	3	9.816	587692	20.0
Pentadecane	9.745	21.2	ng	622846	3	9.816	587692	20.0
Sulfurous acid,...	10.063	5.1	ng	150705	3	9.816	587692	20.0
Hexadecane	10.245	23.8	ng	700403	3	9.816	587692	20.0
Dodecane, 1-iodo-	10.463	9.9	ng	290833	3	9.816	587692	20.0
Heptadecane	10.716	36.8	ng	811057	4	11.298	440300	20.0
Octadecane	11.163	22.6	ng	498100	4	11.298	440300	20.0
Hexadecane, 2,6...	11.192	9.0	ng	198355	4	11.298	440300	20.0
Tetracosane	11.592	16.6	ng	365597	4	11.298	440300	20.0
Nonadecane	11.998	13.2	ng	290155	4	11.298	440300	20.0
Heneicosane	12.386	9.8	ng	215910	4	11.298	440300	20.0
Tridecane, 6-pr...	12.757	7.8	ng	185545	5	13.939	473103	20.0