LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116035.D
Acq On : 7 Aug 2019 3:12
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3407

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.110	3	4	18	rVB	672384	645264	20.13%	2.235%
2	5.463	571	574	611	rBV	2189747	2473374	77.15%	8.569%
3	6.475	742	746	766	rBV	2440373	2641186	82.38%	9.150%
4	6.616	766	770	773	rBV	2883299	2622885	81.81%	9.087%
5	6.839	805	808	818	rBV	824576	794583	24.78%	2.753%
6	6.998	831	835	851	rBV	2415811	2172945	67.78%	7.528%
7	7.404	900	904	920	rBV	1708666	1706955	53.24%	5.913%
8	8.122	1022	1026	1047	rBV	1078590	1025455	31.99%	3.553%
9	9.198	1204	1209	1220	rBV	3307570	3205934	100.00%	11.106%
10	9.586	1272	1275	1285	rBV	368938	369315	11.52%	1.279%
11	9.875	1320	1324	1328	rBV	1263494	1140751	35.58%	3.952%
12	9.910	1328	1330	1340	rVB	33618	43604	1.36%	0.151%
13	10.427	1414	1418	1424	rBV	29893	37940	1.18%	0.131%
14	10.527	1430	1435	1439	rBV2	27109	40062	1.25%	0.139%
15	10.663	1455	1458	1466	rBV	1339300	1408159	43.92%	4.878%
16	10.792	1475	1480	1487	rVB2	72849	99112	3.09%	0.343%
17	11.257	1556	1559	1564	rVB2	96800	97357	3.04%	0.337%
18	11.363	1573	1577	1579	rBV	1253195	1069570	33.36%	3.705%
19	11.386	1579	1581	1587	rVB	197134	195759	6.11%	0.678%
20	11.892	1665	1667	1673	rVB2	52880	62486	1.95%	0.216%
21	11.974	1679	1681	1684	rBV2	61670	54747	1.71%	0.190%
22	12.339	1741	1743	1746	rBV	51142	43556	1.36%	0.151%
23	12.445	1759	1761	1764	rBV4	41498	46450	1.45%	0.161%
24	12.574	1780	1783	1789	rVB	321991	313896	9.79%	1.087%
25	12.804	1817	1822	1827	rBV	359688	433859	13.53%	1.503%
26	12.945	1841	1846	1849	rBV	3021246	2810173	87.66%	9.735%
27	13.515	1940	1943	1945	rBV2	43837	44808	1.40%	0.155%
28	13.568	1949	1952	1957	rVB3	60336	66069	2.06%	0.229%
29	13.810	1991	1993	1996	rBV2	37492	54754	1.71%	0.190%
30	13.974	2018	2021	2023	rBV	160654	161907	5.05%	0.561%
31	14.004	2023	2026	2029	rVV	966786	883312	27.55%	3.060%
32	14.457	2101	2103	2106	rBV2	46822	46954	1.46%	0.163%
33	14.762	2152	2155	2159	rVB	54665	53663	1.67%	0.186%
34	15.045	2199	2203	2209	rBV	103690	206715	6.45%	0.716%

LSC Area Percent Report

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Instrument : BNA_F
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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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.092	2209	2211	2219	rVB2	88921	109325	3.41%	0.379%
36	15.345	2251	2254	2259	rVB	81391	91293	2.85%	0.316%
37	15.404	2261	2264	2269	rVB	85850	108327	3.38%	0.375%
38	15.468	2270	2275	2284	rVB	854185	1127271	35.16%	3.905%
39	15.898	2344	2348	2355	rVB	91092	128521	4.01%	0.445%
40	16.398	2428	2433	2442	rVB3	46536	91528	2.85%	0.317%
41	16.939	2520	2525	2530	rBV3	32157	74194	2.31%	0.257%
42	17.386	2597	2601	2611	rVB	26207	61469	1.92%	0.213%

Sum of corrected areas: 28865487

LSC Report - Integrated Chromatogram

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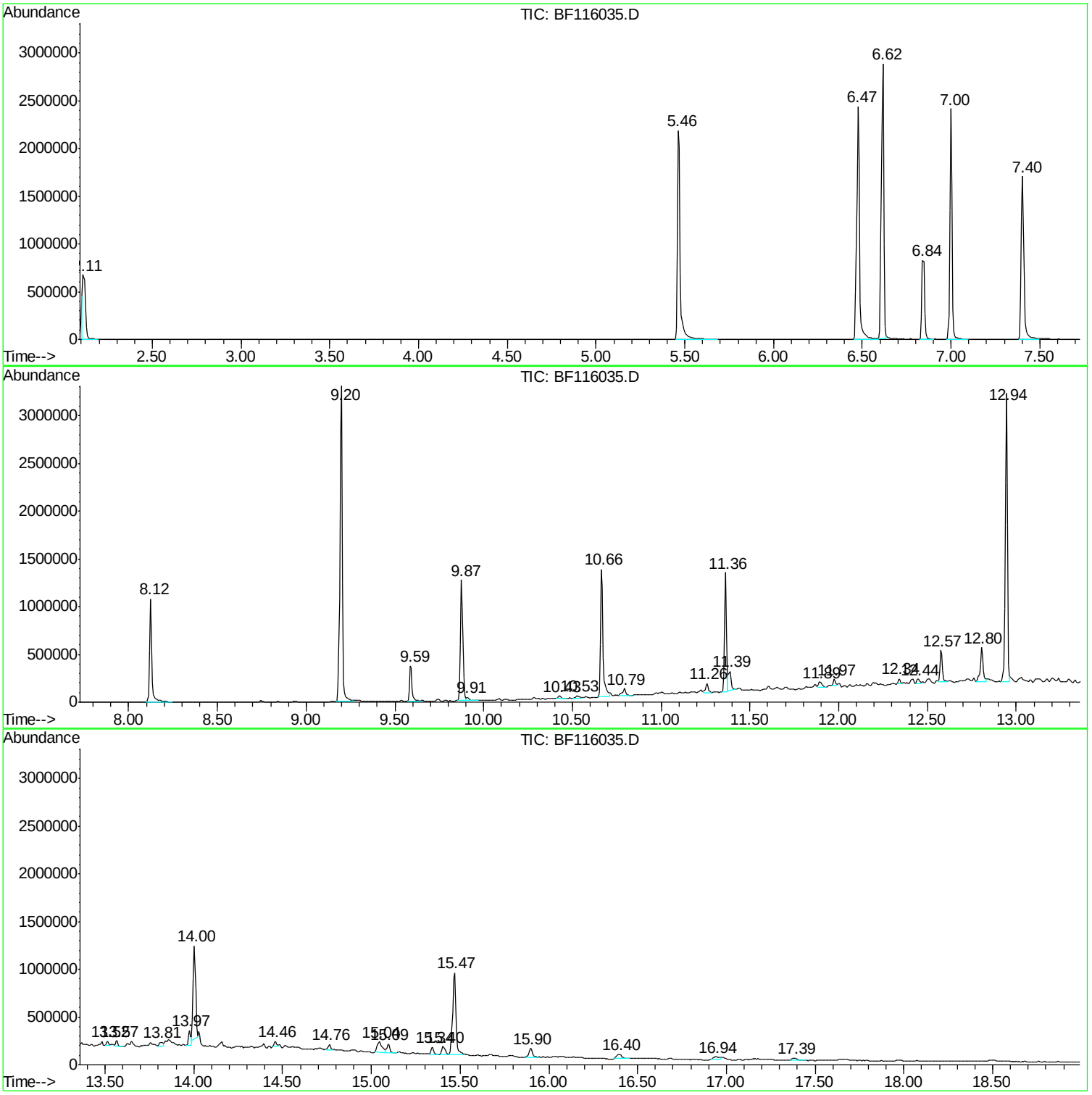
Sample : K4162-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3407

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116035.D
Acq On : 7 Aug 2019 3:12
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3407

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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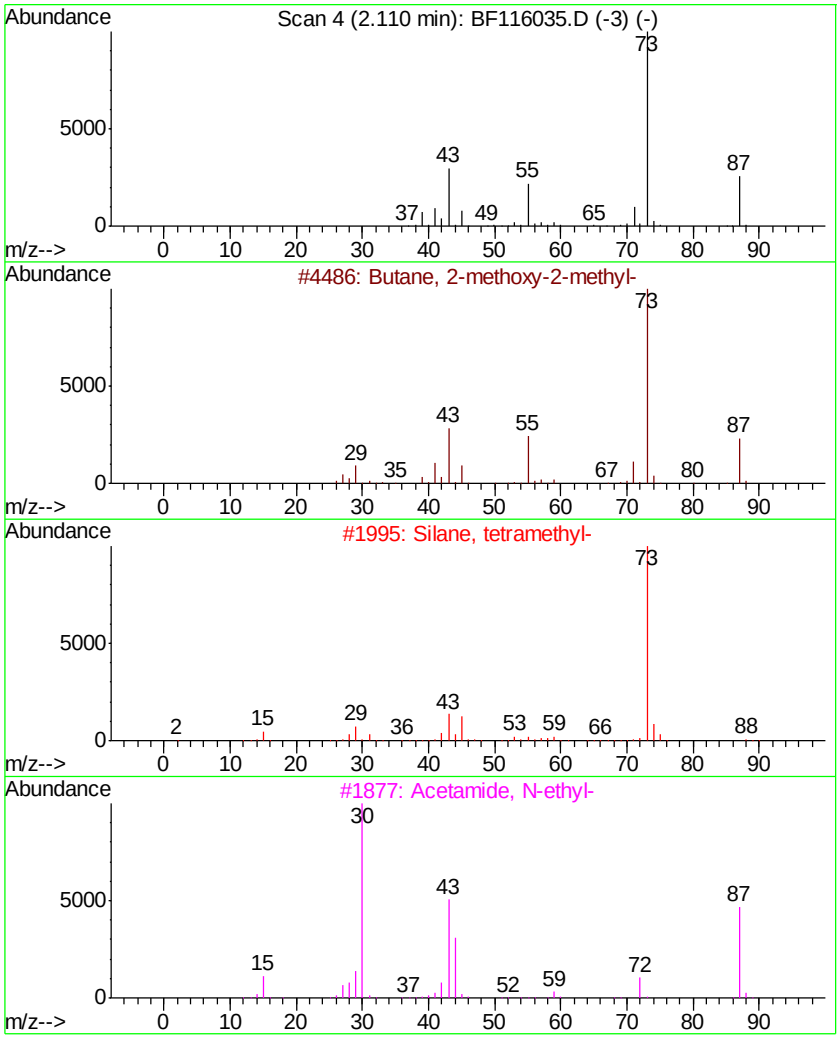
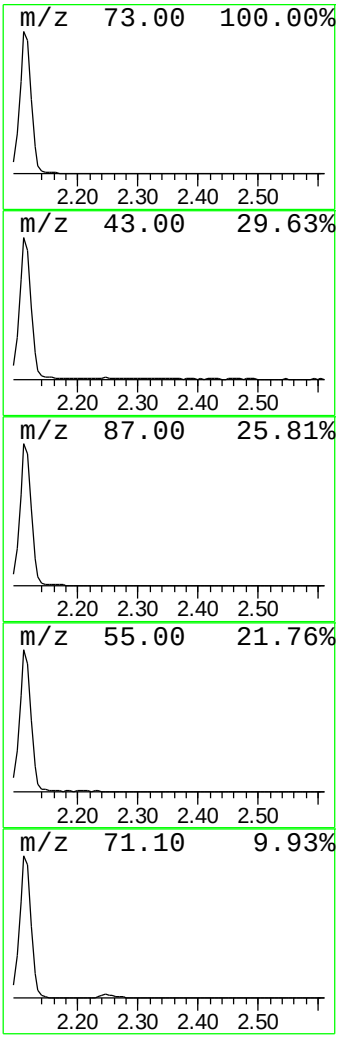
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	16.24 ng	645264	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116035.D
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Misc :
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Instrument : BNA_F
ClientSampleId : RT-3407

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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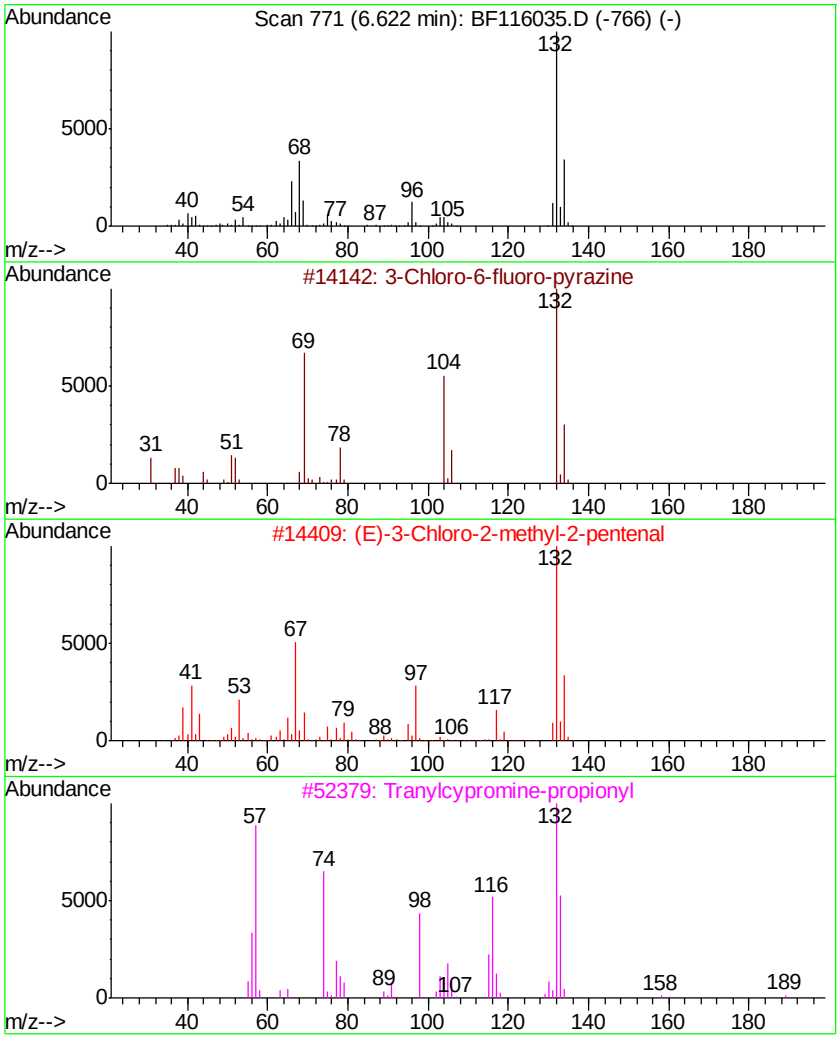
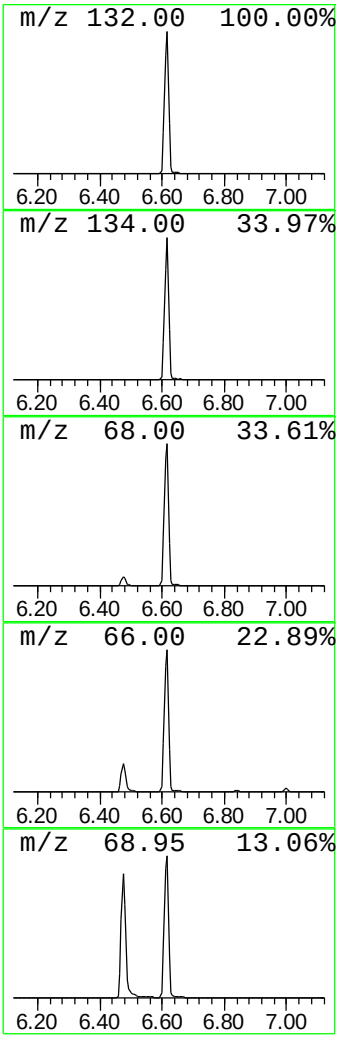
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	66.02 ng	2622890	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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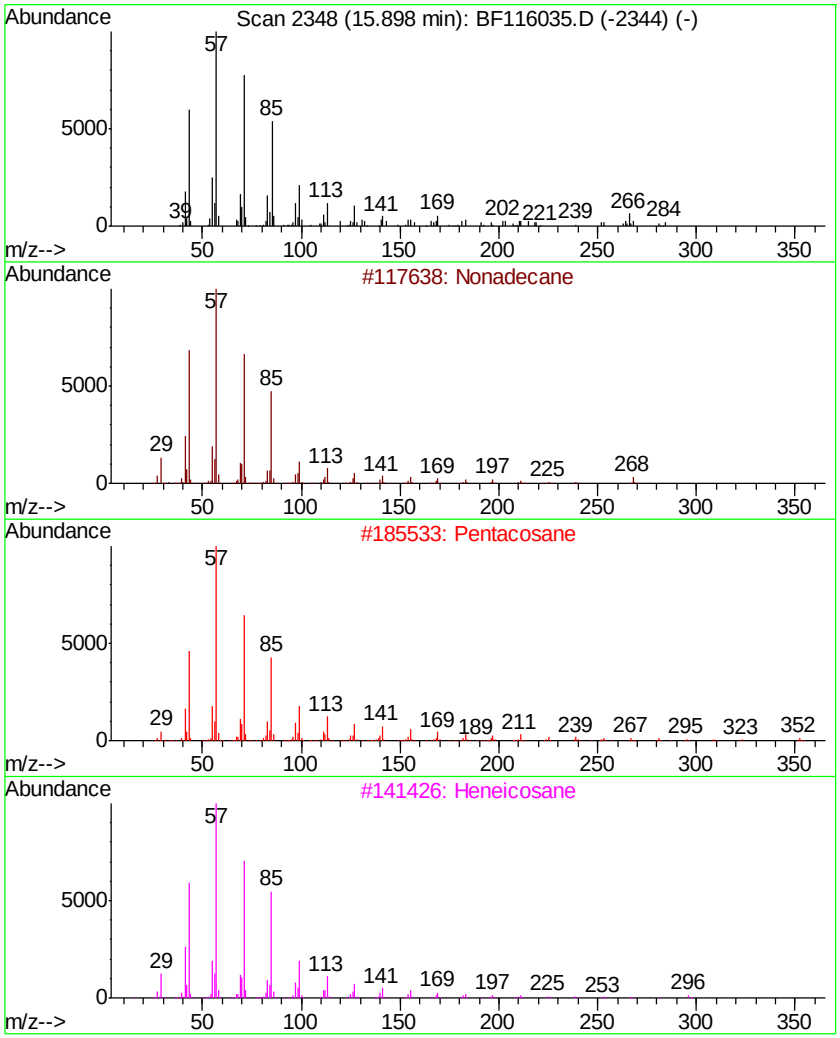
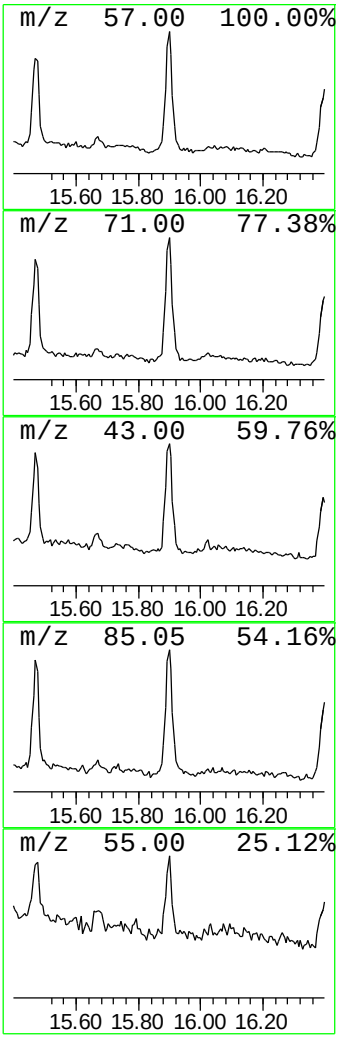
Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.28 ng	128521	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.11	16.2	ng	645264	1	6.85	794583	20.0
unknown6.62	6.62	66.0	ng	2622890	1	6.85	794583	20.0
Nonadecane	15.90	2.3	ng	128521	6	15.47	1127270	20.0